

1976 Volume 45 Annual Indexes

ISSN 0300-8339

Helminthological abstracts

Series A

Animal and human
helminthology

U. I. C. C.
SEP 9 1977
LIBRARY



HELMINTHOLOGICAL
ABSTRACTS
SERIES A
ANIMAL & HUMAN HELMINTHOLOGY

Prepared by :

COMMONWEALTH INSTITUTE OF HELMINTHOLOGY

The White House, 103 St. Peter's Street, St. Albans, Herts AL1 3EW, UK
Tel: St. Albans 52126

Director : SHEILA WILLMOTT, Ph.D., F.I.Biol.

Consultant Director : PROFESSOR G.S. NELSON, M.D., D.Sc.

Assistant Director : P.S. GOOCH, B.Sc.

Scientific Staff : MARY T. FRANKLIN, D.Sc. (part-time), ELISABETH GASCOIGNE (part-time), LYNDIA M. GIBBONS, Ph.D., C.W. GORDON, B.A., F. HAWKING, D.M., F.R.C.P., D.T.M., ARLENE JONES, Ph.D., L.F. KHALIL, Ph.D., JANET E. MACHON, B.Sc., C.P. OGBOURNE, Ph.D., K.J. ORTON WILLIAMS, B.Sc., GRAZYNA I. POZNIAK (part-time), I.C. SHEPHARD, B.A., M.R. SIDDIQI, D.Sc.

Librarian : HELEN J. HART (part-time)

Senior Clerical Officer : BARBARA GIBSON

Indexers : G.W. DIMMOCK, HILARY J. WHITE, B.Sc.

The Commonwealth Institute of Helminthology is one of 10 Bureaux and 4 Institutes which together form the Commonwealth Agricultural Bureaux, an organisation sponsored by the Commonwealth governments and the Republic of Ireland for the dissemination of information on agricultural research.

Helminthological Abstracts, Series A, is a monthly journal prepared by the Institute and published by the Commonwealth Agricultural Bureaux.

Annual Subscription Rate

To subscribers in countries that are not members of CAB \$130.00

The journal is available at a special rate to subscribers in countries which make a financial contribution to CAB (see inside back cover).

Back Numbers

Back volumes of Helminthological Abstracts, Series A, are available and there are discounts up to a maximum of 50% on orders of more than 10 volumes. Microform editions of back volumes are available at 80% of price of paper editions.

Orders and enquiries concerning subscriptions and back numbers should be sent to :

CENTRAL SALES,
COMMONWEALTH AGRICULTURAL BUREAUX,
FARNHAM ROYAL, SLOUGH SL2 3BN, UK.

[Note: Prices are subject to change without notice]

Photocopies of most abstracted papers can be supplied by the Institute at 10p per page in UK or 12p per page elsewhere, by airmail; minimum charge £1.00 per paper. An application and copyright declaration form is printed inside this issue. This form (which may be copied) should be signed and returned to the Institute.

© *Commonwealth Agricultural Bureaux, 1977.* All rights reserved. No part of this publication may be reproduced in any form or by any means, electronically, mechanically, by photo-copying, recording or otherwise, without the prior permission of the copyright owner.

The Executive Council of the Commonwealth Agricultural Bureaux is a signatory to the Fair Copying Declaration, details of which can be obtained from The Royal Society, 6 Carlton House Terrace, London SW1.

The Commonwealth Agricultural Bureaux organisation does not accept responsibility for any trade advertisement included in this publication.

HELMINTHOLOGICAL ABSTRACTS

SERIES A
ANIMAL AND HUMAN HELMINTHOLOGY

Volume 45



Prepared by

Commonwealth Institute of Helminthology

1976

ISSN 0300-8339

© *Commonwealth Agricultural Bureaux* 1977

All rights reserved. No part of this publication may be reproduced in any form or by any means, electronically, mechanically, by photocopying, recording or otherwise, without the prior permission of the copyright owner.

The Executive Council of the Commonwealth Agricultural Bureaux is a signatory to the Fair Copying Declaration, details of which can be obtained from The Royal Society, 6 Carlton House Terrace, London, S.W.1.

published by

Commonwealth Agricultural Bureaux,
Farnham House, Farnham Royal,
SLOUGH SL2 3BN, UK.

printed by

Unwin Brothers Ltd., The Gresham Press, Old Woking, Surrey, UK

COMMONWEALTH AGRICULTURAL BUREAUX

The Commonwealth Agricultural Bureaux (CAB) is a co-operative venture established by Commonwealth Governments. The organization is controlled by an Executive Council composed of nominees of the various Commonwealth Governments, including one for the Dependent Territories. On the following pages are lists of the present members of the Executive Council, together with the names of Liaison Officers who form the primary link in the member country. The organization exists to provide specialized services for agricultural scientists and, through an Institute based in Trinidad with stations in various parts of the world, to undertake field work in biological control.

CAB provides the only comprehensive information service for agricultural research workers. It is based on 21 abstract journals which, taken together, cover the whole range of agricultural science. Contemporary world literature in many languages is scanned for items worthy of noting by abstract or title in the journals, and since 1973 all references have been taped. The current data base, already containing 450,000 items, grows by approximately 130,000 references per annum, and all or part can now be made available for machine retrieval.

Identification services are provided for entomologists, mycologists and helminthologists. Other services include: bibliographies (with or without annotations), review articles, technical monographs (some of which are standard works), photocopies of source papers, answering enquiries.

The work of CAB is largely carried out through a number of Institutes and Bureaux, each dealing with a particular aspect of agricultural science. Enquiries on scientific aspects of CAB work should be sent to the Director of the appropriate Institute or Bureau. Other enquiries should be sent to the Executive Director, CAB, E.A. Runacres at the address at the foot of the page, or to Liaison Officers in member countries.

Institutes

Commonwealth Institute of Entomology, 56 Queen's Gate, London SW7 5JR

Acting Director: A.H. Parker, MSc, PhD.

Commonwealth Mycological Institute, Ferry Lane, Kew, Richmond TW9 3AF

Director: A. Johnston, BSc, AICTA, FIBiol.

Commonwealth Institute of Biological Control, Gordon Street, Curepe, Trinidad, West Indies

Director: F.D. Bennett, BSA, PhD.

Commonwealth Institute of Helminthology, The White House, 103 St. Peter's Street, St. Albans, Herts. AL1 3EW

Director: Sheila Willmott, PhD, FIBiol.

Bureaux

Agricultural Economics, Dartington House, Little Clarendon Street, Oxford OX1 2HH

Director: J.O. Jones, MA.

Animal Breeding and Genetics, Animal Breeding Research Organization, The King's Buildings, West Mains Road, Edinburgh EH9 3JX

Director: J.D. Turton, BSc, MRCVS, DTVM.

Animal Health, Central Veterinary Laboratory, New Haw, Weybridge, Surrey

Director: R.M. Mack, FRCVS.

Dairy Science & Technology, National Institute for Research in Dairying, Shinfield, Reading RG2 9BB

Director: E.J. Mann, NDD, CDD.

Forestry, Commonwealth Forestry Institute, South Parks Road, Oxford OX1 3RD

Director: W. Finlayson, BSc.

Horticulture & Plantation Crops, East Malling Research Station, Maidstone ME19 6BJ, Kent

Director: D.J. O'D.Bourke, MA, DipAgr, FLS.

Nutrition, Rowett Research Institute, Bucksburn, Aberdeen AB2 9SB

Director: Miss D.L. Duncan, BSc, PhD.

Pastures & Field Crops, Hurley, Maidenhead SL6 5LR

Director: P.J. Boyle, MA.

Plant Breeding & Genetics, Department of Applied Biology, Downing Street, Cambridge CB2 3BX

Director: R.H. Richens, MA, PhD.

Soils, Rothamsted Experimental Station, Harpenden AL5 2JQ

Director: B. Butters, MSc, DipAgr, DTA, DIC, ARCS.

Headquarters

Farnham House, Farnham Royal, Slough SL2 3BN, UK

(ii)

EXECUTIVE COUNCIL

(as at 15 November 1976)

<i>Member</i>		<i>Representing</i>
J.W. GREENWOOD (Chairman)	...	Canada
Mrs. J. GEORGE (Vice-Chairman)	...	Trinidad & Tobago
G.M.P. MYERS	...	United Kingdom
Dr. R.M. MOORE	...	Australia
T.N. TANDON	...	India
C.M. PALMER	...	New Zealand
A. JAYASINHA	...	Sri Lanka
G. OFORI	...	Ghana
K.S. TAN	...	Malaysia
THE FIRST SECRETARY	...	Nigeria
J.K. SHEKERIS	...	Cyprus
H.E. THE HIGH COMMISSIONER	...	Sierra Leone
Mrs. L.E. HOWELL	...	Tanzania
THE DEPUTY HIGH COMMISSIONER	...	Jamaica
THE AGRICULTURAL ATTACHE	...	Uganda
H.E. THE HIGH COMMISSIONER	...	Kenya
R.H. BANDA	...	Malawi
THE TRADE COMMISSIONER	...	Zambia
A.T. SALLAH	...	The Gambia
Mrs. M.C. MILES	...	Guyana
H.E. THE HIGH COMMISSIONER	...	Botswana
J.G. FOKER	...	Mauritius
M. SAHADEO	...	Fiji
Q.A.M.A. RAHIM	...	Bangladesh
F.W. SAWYER	...	The Bahamas
J.E. WHITELEGG	...	Dependent Territories

D.G. THOMAS, Secretary, Commonwealth Science Council (Observer)

E.A. RUNACRES (Executive Director)

N.G. JONES, DFC (Secretary)

LIAISON OFFICERS

<i>Contributing country</i>	<i>Liaison Officer</i>	<i>Address</i>
United Kingdom	Under Secretary	Agricultural Research Council, 160, Great Portland Street, London W1N 6DT
Canada	G.M. Carman, BSA, MSc, PhD.	Director, Information Division, Administration Branch, Canada, Department of Agriculture, 1105, Sir John Carling Building, Ottawa, Ontario, K1A 0C7
Australia	P.F. Butler, MAgSc.	Senior Assistant Secretary (Research) Commonwealth Scientific and Industrial Research Organization, PO Box 225, Dickson, A.C.T. 2602.
New Zealand	G.W. Butler, MSc, Fildr, FRSNZ	Assistant Director-General, Department of Scientific and Industrial Research, Private Bag, Wellington.
India	M.S. Swaminathan, BSc, BScAgr, PhD, AIARI, FNI	Director-General, Indian Council of Agricultural Research, Krishi Bhavan, New Delhi 1.
Sri Lanka	C.R. Panabokke, BSc, PhD.	Deputy Director of Agriculture (Research) Central Agricultural Research Institute, Gannoruwa, Peradeniya.
Ghana	General Secretary	Council for Scientific and Industrial Research, PO Box M.32, Accra

Malaysia	Permanent Secretary	Ministry of Agriculture and Co-operatives, Swettenham Road, Kuala Lumpur.
Nigeria	Permanent Secretary	Federal Ministry of Agriculture & Rural Development, Administration Division, P.M.B. 12613, Lagos.
Cyprus	R. Chr. Michaelides, BSCAgr, NDA, Dip AgrEc.	Director-General, Ministry of Agriculture and Natural Resources, Nicosia.
Sierra Leone	Research Co-ordinator	Njala University College, Njala.
Tanzania	Director of Agriculture	PO Box 9071, Dar-es-Salaam.
Jamaica	L.E. McLaren, BSc, MRCVS, PhD, MIBiol.	Technical Officer, Ministry of Agriculture, PO Box 480, Kingston 6.
Trinidad & Tobago	Chief Technical Officer (Agriculture)	Ministry of Agriculture, Lands and Fisheries, St. Clair Circle, Port-of-Spain, Trinidad.
Kenya	Under Secretary	Ministry of Agriculture, PO Box 30028, Nairobi.
Malawi	Director of Agricultural Research	c/o Secretary for Agriculture & Natural Resources, PO Box 30134, Capital City, Lilongwe 3, Malawi.
Zambia	Permanent Secretary	Ministry of Rural Development, PO Box RW. 197, Lusaka.
The Gambia	Permanent Secretary	Ministry of Agriculture & Natural Resources The Quadrangle, Banjul.
Guyana	Deputy Chief Agricultural Officer (Research)	Ministry of Agriculture and Natural Resources, Central Agricultural Station, Mon Repos, East Coast Demerara.
Botswana	Permanent Secretary	Ministry of Agriculture, Private Bag 3, Gaborone.
Mauritius	B.D. Roy	Chief Agricultural Officer, Agricultural Services, Reduit.
Fiji	Secretary	Agriculture, Fisheries and Forests, Suva.
Bangladesh	Dr. K. Badruddoza	Executive Vice-President, Bangladesh Agricultural Research Council, 130/C Dhammondi R.A., Dacca 5.
The Bahamas	Permanent Secretary	Ministry of Agriculture & Fisheries, PO Box 28, Nassau.
Dependent Territories	R.K. Cunningham, BSc, PhD, FRIC.	Agricultural Adviser, Ministry of Overseas Development Eland House, Stag Place, London, SW1E 5DH
Republic of Ireland	D.O'Muirthile	Assistant Principal Officer, Department of Agriculture and Fisheries (Development Division), Upper Merrion Street, Dublin 2.

HELMINTHOLOGICAL ABSTRACTS

SERIES A

ANIMAL & HUMAN HELMINTHOLOGY

Volume 45, 1976

This journal is prepared by the staff of the Commonwealth Institute of Helminthology, The White House, 103 St. Peter's Street, St. Albans, AL1 3EW, Hertfordshire, England.

Director: Sheila Willmott Ph.D., F.I.Biol.

Consultant Director: Professor G.S. Nelson M.D., D.Sc.

Assistant Director: P.S. Gooch B.Sc.

Scientific Staff: Mary T. Franklin D.Sc. (part-time), Elisabeth Gascoigne (part-time), Lynda M. Gibbons Ph.D., C.W. Gordon B.A., F. Hawking D.M., F.R.C.P., D.T.M., Arlene Jones Ph.D., L.F. Khalil Ph.D., Janet E. Machon B.Sc., C.P. Ogbourne Ph.D., K.J. Orton Williams B.Sc., Grazyna I. Pozniak (part-time), I.C. Shephard B.A., M.R. Siddiqi D.Sc.

Supporting Staff: E. Beryl Bull (part-time), Beryl Cunningham (part-time), Susan J. Darby, G.W. Dimmock, Sheila N. Eames (part-time), Yvonne Emery (part-time), Barbara Gibson, Audrey M. Godman (part-time), M. Eileen Gordon (part-time), Doris M. Harris (part-time), Helen J. Hart (part-time), Susan Ibbitson, Margaret A. Smith, Lorna M. Twiddy, Hilary J. White B.Sc.

Abstracts and Book Reviews in this volume are by: R.C. Anderson, K. Broadbent, Katherine R. Cook, Deirdre A. Czipri, J.J. Czipri, M.J. Dennis, Mary T. Franklin, Elisabeth Gascoigne, Barbara Gibson, P.S. Gooch, C.W. Gordon, F. Hawking, W. Houston, Arlene Jones, L.F. Khalil, M. Obayashi, C.P. Ogbourne, Grazyna I. Pozniak, M.M.H. Sewell, I.C. Shephard, M.R.N. Shephard, M.R. Siddiqi, Y. Tigin, Sheila Willmott, R.T.K. Wong.

OFFICIAL CORRESPONDENTS OF THE COMMONWEALTH INSTITUTE OF HELMINTHOLOGY

Animal and Human Helminthology

- ANTIGUA** Director of Agriculture, Department of Agriculture, Friars Hill, Antigua, West Indies.
- AUSTRALIA** Dr. Hugh McL. Gordon, C.S.I.R.O. Division of Animal Health, McMaster Laboratory, C.S.I.R.O., P.O. Box 1, Glebe, N.S.W. 2037.
- BAHAMAS** Director of Agriculture, Department of Agriculture and Marine Products, P.O. Box 28, Nassau.
- BANGLADESH** Director of Agriculture (R & E) 87 Pioneer Road, Kakrail, Dacca.
- BARBADOS** Senior Veterinary Officer, Department of Science and Agriculture, P.O. Box 505, Bridgetown.
- BERMUDA** Director of Agriculture, Agricultural Station, Paget East.
- BOTSWANA** Director of Veterinary Services, Private Bag 32, Gaborone.
- BRITISH SOLOMON ISLANDS** Senior Agricultural Officer, Department of Agriculture, Honiara, British Solomon Islands Protectorate.
- BRITISH VIRGIN ISLANDS** Superintendent of Agriculture, Agricultural Department Tortola, British Virgin Islands, West Indies.
- BRUNEI** State Agricultural Officer, Brunei.
- CANADA** Prof. R.C. Anderson, Department of Zoology, University of Guelph, Guelph, Ontario.
- CYPRUS** M.A. Petris, Director, Veterinary Department, Ministry of Agriculture and Natural Resources, Nicosia.
- FIJI** Chief Veterinary Officer, Suva.
- GAMBIA** Principal Veterinary Officer, Abuko, via Bathurst.
- GHANA** Dr. Letitia E. Obeng, Institute of Aquatic Biology, P.O. Box 38, Achimota.
- GUYANA** To be nominated
- HONG KONG** D.A. Higgins, c/o Director, Agriculture and Fisheries Department Canton Road Government Offices, 393 Canton Road, 12th-14th Floor, Kowloon
- INDIA** Dr. Karam Chand, Professor of Parasitology, Harayana Agricultural University, Hissar, Harayana.
- JAMAICA** To be nominated
- KENYA** Chief Veterinary Research Officer, c/o Ministry of Agriculture, P.O. Kabete.
- MALAWI** Director of Veterinary Services, Ministry of Natural Resources and Surveys, P.O. Box 34, Zomba, G.K. Mehra, Veterinary Research Service, Box 55, Blantyre.
- MALAYSIA**
- MALAYA** Director of Veterinary Services, Swettenham Road, Kuala Lumpur.
- SABAH** Senior Veterinary Officer, P.O. Box 105, Jesselton.
- SARAWAK** Director of Agriculture, Department of Agriculture, Kuching.
- MAURITIUS** Senior Veterinary Officer, Agricultural Services, Reduit.
- MONTSERRAT** Director of Agriculture, Agricultural Department, The Groves, Montserrat, West Indies.
- NEW ZEALAND** Dr. L.K. Whitten, Wallaceville Animal Research Station, Private Bag, Wellington.

(vi)

NIGERIA Director, Federal Department of Veterinary Research, Vom, Benue Plateau State.

LAGOS STATE Permanent Secretary, Ministry of Agriculture and Natural Resources Trade and Industry, Lagos.

WESTERN STATE Permanent Secretary, Ministry of Agriculture and Natural Resources, Ibadan.

NORTH-CENTRAL STATE Director, Institute of Agricultural Research, Samaru, Private Mail Bag 1044, Zaria.

MID-WESTERN STATE Permanent Secretary, Ministry of Agriculture and Natural Resources, Benin City.

REPUBLIC OF IRELAND To be nominated.

ST. HELENA Agricultural and Forestry Officer, Department of Agriculture and Forestry, Scotland.

SEYCHELLES Director of Medical Services, Department of Agriculture, P.O. Box 54, Victoria, Mahé.

SIERRA LEONE Director of Veterinary Services, Teko, via Makeni.

SRI LANKA Dr. S.B. Dhanapala, Assistant Director of Agriculture (Veterinary Research), Veterinary Research Institute, Gannoruwa, Peradeniya.

SWAZILAND Dr. A.M. Khoza, Chief Veterinary Officer, Box 162, Mbabane.

TANZANIA Chief Veterinary Research Officer, c/o Veterinary Department, Dar-es-Salaam.

TRINIDAD & TOBAGO Technical Officer (Animal Husbandry), Department of Agriculture, St. Clair, Port of Spain.

UGANDA Chief Research Officer, Animal Health Research Centre, P.O. Box 24, Entebbe.

WINDWARD ISLANDS

GRENADA Superintendent of Agriculture, Department of Agriculture, St. Georges.

ST. LUCIA Agricultural Superintendent, Department of Agriculture, Castries, St. Lucia, West Indies.

ST. VINCENT Superintendent of Agriculture, Department of Agriculture, Kingstown, St. Vincent, West Indies.

ZAMBIA Dr. S.M. Silangwa, University of Zambia, P.O. Box 2379. Lusaka.

HELMINTHOLOGICAL ABSTRACTS

Series A – Volume 45

CONTENTS

ABSTRACTS

ANIMAL HOSTS

General Surveys	1	93	175	—	393	503
	613	705	809	—	1037	1133
Primates (including man)	1	94	176	285	394	503
	614	705	810	925	1038	1133
Equines	5	103	180	293	404	512
	621	712	820	931	1043	1139
Ruminants	5	103	180	293	404	512
	621	712	820	932	1044	1139
Pigs	7	105	184	296	406	514
	623	716	824	937	1047	1142
Carnivores	8	106	185	297	407	515
	624	717	825	937	1047	1144
Rodents, Insectivores and Lagomorphs	9	107	186	299	409	517
	625	719	827	940	1050	1146
Marine mammals	10	108	187	—	410	518
	—	721	—	943	1051	1148
Other mammals	11	108	—	300	410	—
	—	—	—	943	1052	1148
Birds	11	108	187	301	411	518
	626	722	830	943	1052	1148
Reptiles	13	110	190	—	412	520
	627	723	833	946	1053	1150
Amphibians	13	111	191	—	413	—
	—	—	833	946	1054	1151
Fish	14	111	191	303	413	520
	627	723	833	946	1054	1151
Invertebrates	17	113	194	307	416	523
	629	725	835	948	1055	1154
Mixed groups	20	117	200	311	421	526
	634	729	838	952	1059	1158
ASSOCIATIONS	21	118	202	313	422	527
	635	730	840	954	1059	1159
MORPHOLOGY, TAXONOMY AND NOMENCLATURE	22	119	203	314	423	529
	636	731	841	955	1060	1161
Monogenea	22	119	203	314	423	529
	636	731	841	955	1060	1161
Aspidobothria	—	—	—	314	—	—
	—	733	—	—	—	—
Digenea	23	120	205	315	423	530
	637	733	842	955	1061	1163

MORPHOLOGY, TAXONOMY AND NOMENCLATURE (continued)

Cestoda	28	122	209	319	431	533
	639	735	847	960	1067	1167
Cestodaria	—	—	—	—	—	535
Acanthocephala	30	—	211	320	432	535
	640	—	850	965	1068	1170
Nematoda	31	122	211	321	433	536
	640	737	850	965	1068	1170
Nematomorpha	—	—	—	325	—	—
	643	—	—	—	—	—
Miscellaneous	41	126	214	—	436	540
	643	743	855	—	1071	1175
IMMUNITY, SEROLOGY AND RESISTANCE	41	127	214	325	436	541
	643	744	855	972	1072	1175
PATHOGENESIS AND PATHOLOGY ...	48	133	229	334	451	563
	656	757	874	985	1081	1186
BIOCHEMISTRY AND PHYSIOLOGY ...	54	141	239	344	458	571
	662	765	884	992	1087	1190
ECOLOGY AND BEHAVIOUR	59	146	245	350	467	578
	667	773	892	1000	1093	1197
GEOGRAPHICAL DISTRIBUTION ...	—	148	246	352	—	—
	670	—	—	1003	1096	1198
EPIDEMIOLOGY AND EPIZOOTIOLOGY	61	148	246	353	470	580
	670	776	893	1003	1096	1198
CONTROL	65	152	252	359	473	584
	674	781	896	1008	1099	1203
TECHNIQUE	82	166	273	377	489	600
	695	795	912	1026	1115	1219
LIFE-HISTORY	83	168	275	380	491	601
	697	797	915	1028	1117	1221
CYTOLOGY, GENETICS AND EVOLUTION	85	171	278	382	495	603
	699	799	917	1030	1118	1224
HIRUDINEA	86	171	278	382	496	604
	699	800	919	1031	1119	1225
UNCLASSIFIED	87	—	279	383	496	605
	700	801	920	1031	1120	1226
BOOKS AND NON-PERIODICALS ...	87	172	279	384	497	606
	700	801	920	1032	1121	1226
CONFERENCE AND CONGRESS PROCEEDINGS	91	173	279	384	497	606
	700	801	920	1032	1121	1226
REPORTS	91	174	283	391	500	611
	703	806	924	1035	—	1228
AUTHOR INDEX						1231
SUBJECT INDEX						1287

SYMBOLS FOR LANGUAGES

Afrikaans	Af	Italian	It
Albanian	Al	Japanese	Ja
Arabic	Ar	Korean	Ko
Bulgarian	Bg	Latin	La
Chinese	Ch	Latvian	Lv
Croat (Serbo-croat in Latin script)	Cr	Lithuanian	Li
Czech (Český)	Cs	Macedonian	Ma
Danish	Da	Norwegian	No
Dutch (Nederlands)	Nl	Persian	Pe
English	En	Polish	Pl
Esperanto	Eo	Portuguese	Pt
Estonian (Eesti)	Ee	Rumanian (Românesc)	Ro
Finnish	Fi	Russian	Ru
Flemish (as Dutch)	Nl	Serbian (Serbo-croat in Cyrillic script)	Sr
French	Fr	Serbo-Croat (either script)	Sh
German (Deutsch)	De	Slovak	Sk
Greek	Gr	Slovene	Sn
Hebrew	He	Spanish (Español)	Es
Hungarian	Hu	Swedish (Svensk)	Sv
Icelandic (Íslenzk)	Is	Turkish	Tr
Indonesian	In	Ukrainian	Uk
Interlingua	Ia	White Russian (Belorusskiŭ)	Be

(x)

ERRATA

(lines are counted from the beginning of the bibliographic data in each item.)

Volume 41

Page	Abstract	Line	
64	590	2	for "krasheninikovi" read "krasheninnikovi"
64	590	3	for "krasheninikovi" read "krasheninnikovi"
64	590	6	for "krasheninikovi" read "krasheninnikovi"
64	590	7	for "krasheninikovi" read "krasheninnikovi"
811	Col. 1	72	for "krasheninikovi" read "krasheninnikovi"
817	Col. 2	2	for "krasheninikovi" read "krasheninnikovi"

Volume 44

976	5467	4	for "later" read "laser"
1168	Col. 1	35	for " <i>Microphallus</i> " read " <i>Maritrema</i> "
		36	for "M." read " <i>Microphallus</i> "
1203	Col. 1	39	for " <i>Microphallus</i> " read " <i>Maritrema</i> "
		40	for "M." read " <i>Microphallus</i> "
		42	for " <i>Microphallus</i> " read " <i>Maritrema</i> "
		43	for "M." read " <i>Microphallus</i> "
1289	Col. 2	between	lines 10 and 11 insert " <i>Maritrema calvertensis</i> n.sp., in <i>Anas castanea</i> , in Tasmania 3347"
1293	Col. 1	delete lines	7, 8 and 9

Volume 45

38	199	6	for " <i>Racophorus</i> " read " <i>Rhacophorus</i> "
56	289	5	for "phosphomoesterase" read "phosphomonoesterase"
		11	for "phosphomonesterase" read "phosphomonoesterase"
163	934	3	for "beer" read "beef"
171	983	1	for 'Daniels, B.A.; Sawyer, R.T.' read 'The biology of the leach <i>Myzobdella lugubris</i> infesting blue crabs and catfish'
185	1071	6	for 'multiloculosis' read 'multilocularis'
203	1175	7	for ' <i>Coccidia</i> ' read ' <i>Coccidia</i> '
240	1355	9	insert 'and'
252	1427	17	for ' <i>Senicio</i> ' read ' <i>Senecio</i> '
252	1427	18	for ' <i>Ranunculaceae</i> ' read ' <i>Ranunculaceae</i> '
266	1507	4	for ' <i>São</i> ' read ' <i>São</i> '
267	1515	9	for ' <i>Manonil</i> ' read ' <i>Mansonil</i> '
273	1547	7	for 'aqueous' read 'aqueous'
273	1547	8	for ' <i>microbthrium</i> ' read ' <i>microbothrium</i> '
280	1588	28	for 'litle' read 'little'
370	2083	5	insert '*'
370	2083	13	insert '[*But see <i>ibid.</i> 36 (12) 1695]'
475	2662	11	insert 'orally,'
510	2853	7	for ' <i>Oxyuris</i> ' read ' <i>Enterobius</i> '
515	2885	9	for " <i>Troglonema</i> " read " <i>Troglotrema</i> "
526	2950	6	delete "and 23 wild boars"
536	2992	1	for "The" read "Two"
574	3167	15	insert 'caused'
667	3665	11	for "spingomyelin" read "sphingomyelin"
710	3903	2	for "ideal" read "ileal"
740	4065	1	for "GIBBONS, D.M." read "GIBBONS, L.M."
790	4295	3	insert "Summaries. Volume 1."
967	5168	1	for "namatodes" read "nematodes"
981	5231	2	for " <i>Trichinells</i> " read " <i>Trichinella</i> "
1048	5599	3	for "fr, de" read "Fr, De"
1052	5623	12	delete "nfundibulum) 1% of"
1094	5797	1	for "HORODOVICH" read "GORODOVICH"
1116	5917	3	for "flotation" read "floatation"
1127	5969	25	for 'in' read 'on the development of eggs of'
1167	6177	4	for "(1975)" read "(1976)"

AUTHOR INDEX

- Aalund, O. 738
 Aarons, B. J. 3
 Abaitey, A. K. 5821
 Abakarov, M. 4021
 Abasov, Kh. D. 3702, 3850
 Abate, O. 1695
 Abd-El-Rahman, H. 3724
 Abdalla, R. E. 3358
 Abdeen, F. 5986
 Abdel Aal, T. M. 1270
 Abdel-Aziz, M. T. 3126
 Abdel-Baki, M. H. 2387
 Abdel-Fattah, F. 3783
 Abdel-Fattah, R. F. 5285
 Abdel-Gawad, A. F. 1551
 Abdel-Ghani, A. F. 1125, 1396, 1495
 Abdel-Ghani, M. F. 1126
 Abdel-Hay, M. B. 5985
 Abdel Kader, M. M. 3126
 Abdel-Meguid, M. 3783
 Abdel-Moneim, W. 3095
 Abdel Nur, O. M. 556
 Abdel-Rahman, M. O. 4247
 Abdel-Samei, M. 4247
 Abdel Wahab, M. 5998
 Abdel-Wahab, M. F. 3703, 3704, 3705
 Abdel Wahab, S. M. 4157
 Abdelghani, A. F. 4585
 Abdvavitov, Sh. 5278
 Abdolrasulnia, R. 4769
 Abdrakhmanov, E. A. 1605, 5747
 Abdulazizov, A. I. 3183, 3315, 3316
 Abdulla, W. A. 3213, 3703, 3704, 3705
 Abdullaev, A. 1886
 Abdullaeva, Kh. G. 1742
 Abdurakhianov, T. A. 5248
 Abdurakhmanov, T. A. 5262
 Abdussalam, M. 5521
 Abi-Rached, M. 4900
 Abo Aouf, A. M. 3722
 Abo-Zikry, A. 5986
 Abou-El-Ezz, F. 3095
 Abou El-Ezz, F. M. 3561
 Abou-Elghar, M. R. 3762
 Abou-Ouf, A. A. 3213
 Aboul-Enein, M. N. 4247
 Abramishvili, E. S. 6427
 Abramova, I. G. 559
 Absalyamov, I. F. 5263
 Abu Bakr, E. 3358
 Abu El-Ghar, M. R. 3285, 3792
 Abul Ghar, M. R. 3791
 Abuladze, K. I. 3069
 Abuladze, T. E. 1032, 1905
 Abulfadl, A. M. A. 3730
 Acharya, P. T. 2394
 Achaya, K. T. 4849
 Acholonu, A. D. 5626
 Ackerman, S. B. 5033
 Ackerman, S. J. 4560
 Ackert, J. E. 1588
 Ackman, R. G. 3642
 Acquaviva, R. 2809
 Actor, P. 3771
 Adam, J. G. 4824
 Adam, J. L. 2785
 Adam, S. E. I. 6264
 Adamek, E. 4374
 Adams, E. B. 2535
 Adams, R. D. 3334
 Adamson, R. H. 5897
 Adappa, G. 3879
 Adeleye, J. A. 1606
 Adeloye, A. 2958, 6149
 Adel'shin, F. K. 2363
 Adham, I. 3730
 Adham, I. A. 3724
 Adonjlo, A. 1991
 Aeschlimann, A. 6481, 6482
 Afanas'ev, N. V. 4887
 Aftakhov, K. A. 1432, 6351
 Agamah, A. J. 1287
 Agapova, A. I. 1740, 1976, 1992, 5592
 Agarwal, S. 1909
 Agarwal, S. K. 893
 Agarwal, S. M. 1909
 Agbo, K. N. 3826
 Ager, A. L. 428
 Aghadiuno, P. 2958, 6149
 Agosti, M. 2883
 Agrawal, R. V. 2212
 Ahlers, R. 4813
 Ahluwalia, J. S. 1527, 2739, 3610, 4791
 Ahluwalia, S. S. 3786
 Ahmed, M. U. 584, 1681, 5001
 Ahn, D. H. 5641
 Ahn, Y. K. 2390, 2453, 2490, 3290, 6209, 6324
 Aida, C. 126
 Aikat, T. K. 4967, 4971
 Aisa, E. 1734
 Aitken, M. M. 3509
 Ajwani, K. D. 2270, 3873
 Akabane, M. 5007
 Akahane, H. 949, 5698, 5742
 Akbaev, M. Sh. 3921
 Akhalai, E. G. 5098
 Akhmedov, G. A. 3214, 4792
 Akhmetov, A. A. 1035, 1662
 Akhmetova, B. 1735
 Akhurst, R. J. 2989
 Akiba, K. 1721, 2901, 5619
 Akilov, A. A. 3706
 Akker, M. Van den 4963
 Akopyan, V. D. 3115, 5629
 Akoun, G. 1607
 Akpom, C. A. 1217, 3611
 Aksenova, I. N. 6210
 Akulin, N. A. 5659
 Akusawa, M. 4646, 5357
 Al-Affas, N. H. 5358
 Al-Barwari, S. E. 4739, 5285
 Al-Dorki, K. A. 4431
 Al-Hammawi, M. H. 2026
 Al-Hossaini, M. 4396
 Al-Hussaini, M. 4431
 Al-Issa, T. B. 4431
 Al-Khalissi, A. 4431
 Al-Saigh, M. N. R. 4707
 Al-Waidh, M. 2273
 Alakhverdnyants, S. A. 3215
 Alaoui, A. 1609
 Albala-Perez, F. 65
 Albert, J. P. 1404
 Albertson, D. G. 6472
 Albignac, R. 5989
 Albukerk, J. 549
 Alcaïno, H. 6085
 Alcântara, F. G. 3438
 Alderson, G. D. 2968
 Aleksandrova, O. V. 1184
 Aleksandrova, V. M. 4248
 Alekseev, V. M. 4519
 Alekseeva, L. V. 915
 Alekseeva, M. I. 5967
 Aleksić, D. 2351
 Aleksiejew, M. I. 5967
 Alencar Filho, R. A. de 2454
 Alenin, V. P. 5833
 Alfaro, E. 959
 Alferova, M. V. 1199, 1887, 6454
 Ali-Khan, Z. 3874, 4937

- Ali, M. M. 5484
 Alicata, J. E. 1588, 6119
 Aliev, S. Yu. 3684
 Alieva, S. I. 3216, 3217
 Aliff, J. V. 6086
 Allamuratov, B. A. 4912
 Allen, N. 4724, 4798
 Allen, P. C. 3159, 5847
 Allender, P. A. 154
 Allison, V. F. 163, 3013
 Allonby, E. W. 4222, 5249
 Almeida, M. T. 3547
 Alpers, M. P. 3863
 Althaus, S. 1329
 Altig, R. 6193
 Altman, N. H. 2795
 Altmann, D. 5047
 Alva, J. 1472, 4163, 4712
 Alvarado, J. 3945
 Alvarez, A. 2216
 Alvarez Chacón, R. 2213
 Alvarez Pellitero, M. P. 83, 90
 Alves, E. L. 5127
 Alving, C. R. 1218
 Alwar, V. S. 1769, 1828, 3251, 3923, 4236, 5711
 Alwasiak, J. 3146
 Amato, J. F. R. 31
 Amato Neto, V. 3794
 Ambler, J. 5500
 Ambroise-Thomas, P. 4077, 4439, 4793
 Amend, N. K. 5041
 Amer, Z. M. 3152
 Amesse, L. 984
 Amin, A. 5581
 Amin, M. A. 861, 4884, 6268
 Amin, O. M. 170, 1822, 1823
 Amini, F. 862
 Aminzadeh, M. 729
 Aminzhanov, M. 2027, 2045, 3429, 3954, 5923
 Amir-Jahed, A. K. 4397
 Amis, T. C. 418
 Amish, R. A. 6114
 Anand, N. 2109
 Anandan, R. 1828, 3923
 Anan'ina, N. O. 3612
 Anantaraman, S. 4170
 Anaya, D. J. S. 3922
 Andersen, F. L. 342, 1068
 Andersen, K. 160, 695, 4589, 4774
 Andersen, L. 6352
 Andersen, S. 741, 4099
 Anderson, D. C. 2214
 Anderson, H. R. 1880
 Anderson, J. 3186, 3891, 5359, 5746, 5822
 Anderson, J. C. 2455, 2486
 Anderson, J. F. 3470
 Anderson, L. F. 319
 Anderson, M. 4398
 Anderson, N. 4696, 5250, 5360, 6254
 Anderson, R. C. 1834, 4058, 4888, 5568, 5925
 Anderson, R. I. 26, 5845
 Anderson, R. M. 2424, 5792
 Anderson, R. W. 2635
 Andersson, P. 6028
 Andersson, T. 3920
 Andguladze, V. L. 3506
 Andrade, J. C. R. 527
 Andrade, R. V. 6493
 Andraško, H. 2028
 André, J. 4963
 Andreadis, T. G. 1753, 5187
 Andreassen, J. 2456, 2457, 2483, 2624, 4623
 Andreazza, D. 5361
 Andreev, E. V. 3335
 Andreeva, A. M. 172
 Andreeva, G. N. 5286
 Andreeva, I. L. 850
 Andreeva, L. I. 3181
 Andrei, S. 3233
 Andreiko, O. F. 669, 1003, 1397
 Andrews, J. R. H. 5527
 Andrews, J. S. 3159, 4078
 Andrews, S. E. 1084
 Andrews, W. N. 6122
 Andreyuk, G. I. 3471
 Andrievskaya, N. Yu. 614
 Andryuk, L. V. 3472, 6455
 Angelovski, T. 3218, 4981
 Angus, K. W. 2541, 3156
 Anikina, V. V. 5743
 Anisimov, A. P. 4614
 Annabaeva, G. D. 3643
 Annaev, D. 6095
 Annen, J. M. 1219
 Anon. 127, 209, 341, 860, 1077, 1124, 1395, 1429, 1430, 1431, 1587
 Anon. (contd.) 1720, 2025, 2163, 2168, 2211, 2337, 2654, 2778, 2807, 2808, 2949, 3017, 3192, 3333, 3845, 3852, 3952, 4024, 4221, 4393, 4394, 4395, 4790, 4932, 4980, 5333, 5356, 5489, 5490, 5491, 5492, 5499, 5526, 5803, 5937, 5938, 5984, 5987, 6323, 6480, 6501
 Anrique, B. 930
 Ansari, A. A. 4740
 Ansari, N. 751
 Ansink, B. J. J. 4321
 Antanaitite, A. 3577, 5712
 Antanaitytė, A. 3577, 5712
 Antolices, V. M. 824, 1757
 Antonenko, A. E. 6353
 Antonenko, I. P. 4794
 Antonov, P. P. 863
 Antsyshkina, L. M. 1107, 1433, 3452, 5066
 Antunes, A. 3547
 Antunes, M. 3547
 Anwar, M. 6365
 Anya, A. O. 4171, 5768
 Anzengruber, A. 6058
 Aoki, S. 5280
 Aoki, T. 4172
 Aparicio, M. 1007
 Appel, B. N. 1864
 Appleton, C. C. 5076
 Appriou, M. 5560
 Apt B., W. 3548
 Arabkhanov, B. G. 343
 Arafa, M. S. 5668, 6074
 Arai, M. 3245
 Araj, G. F. 4108
 Arakawa, M. 1023
 Arakcheeva, S. G. 4279, 4741
 Arakelyan, G. T. 1008
 Araki, K. 109, 4420, 4795
 Araki, T. 696, 6218
 Arambulo, P. V., III 715, 1398, 4241, 5373, 5818, 5823
 Arandas, E. A. 3630
 Arandia, C. R. 1427
 Arantes, M. R. 762
 Araujo, F. P. 3193
 Araújo, M. de P. T. 5085
 Araújo, N. 2691
 Araújo, P. 173, 4162
 Arbucias, H. P. 6021
 Archampong, E. Q. 5528
 Archer, G. T. 2458
 Archer, S. 1434
 Archibald, R. D. 5647
 Ardalan, A. 853, 864

- Ardans, A. 2655
 Areekul, S. 1289, 1290, 4938, 5251
 Arellano, J. 3775
 Arfaa, F. 502, 506, 508, 509, 526, 642, 842, 851, 853, 864, 865, 866, 887, 951, 1455, 2810, 2811, 4388, 5334
 Argento, C. A. 757
 Arguedas G., J. A. 4249
 Argumedo, R. L. 6155
 Arispici, M. 1295
 Arisue, T. 535
 Arizono, N. 570, 571, 822
 Arkhipov, I. A. 1171, 1505
 Arkhipova, N. S. 5335
 Arman, G. G. van 4319
 Armand, D. 5529
 Arme, C. 161, 1354
 Armour, J. 867, 2029, 2471, 6043
 Arnall, L. 3336
 Arnold, M. K. 6117
 Arnold, P. W. 1206, 3846
 Arnone, B. 1698
 Arny, K. 5626
 Arora, G. S. 344, 456
 Arora, R. R. 4939
 Arora, S. 5070
 Arru, E. 2030, 4671
 Arruda, M. E. 375
 Artamoshin, A. S. 4964
 Arteaga, J. 2857
 Artem'ev, G. M. 1399, 1435
 Arthur, J. R. 174
 Artyukhovskii, A. K. 110
 Arundel, P. H. 321, 1993
 Arutyunyan, A. L. 5629
 Arutyunyan, G. K. 4817, 5393
 Arvanaghi, A. 526
 Arvy, L. 6116
 Arya, S. C. 2215
 Arystanov, E. 2924, 3473
 Arystanov, E. A. 314
 Asadov, M. 305, 4453, 5952, 6031, 6032
 Asadova, S. S. 6033
 Asahi, H. 228
 Asaishi, K. 717, 3096, 5735
 Asanji, M. F. 798
 Asanov, S. 1293, 1890, 2032
 Asch, H. L. 1943, 2577
 Asfora, J. 345
 Ash, L. R. 735, 2448, 2449, 3856, 4504, 6252
 Ashizawa, H. 1291, 1292, 1888, 5012, 5013, 5025, 5252, 5253
 Ashmead, R. R. 1827
 Ashton, N. 5630
 Ashurova, M. 2396, 4594
 Askenase, P. W. 4624
 Aslamazov, E. G. 5362
 Aspert-Van Erp, A. J. M. van 4746, 4747
 Aspros, D. G. 4464
 Astaf'ev, B. A. 56, 3612, 3967
 Astier, R. 2267, 2720
 Atabaev, A. O. 3219
 Ataev, A. M. 84, 2926
 Atazhanov, R. 2812, 3018
 Atchley, W. R. 2356
 Atkinson, H. J. 799
 Atkinson, K. H. 5685
 Atmosoedjono, S. 514, 2280, 3361
 Atolua, R. 4399
 Attila, W. 5824
 Auldish, A. W. 510
 Aurora, A. L. 3903
 Aust-Kettis, A. 1852
 Austen, K. F. 1272
 Australia, Commonwealth Scientific and Industrial Research Organization 497, 4933
 Australia, CSIRO, Division of Animal Health 2202
 Australia, Hamilton Medical Veterinary Association 494
 Australian Meat Research Committee 3870
 Averikhin, A. I. 1889
 Averkin, E. A. 2031
 Avery, R. A. 6098, 6144
 Avila, C. A. de 3794
 Avouac-Borzee, F. 5554
 Avramova, P. 3806
 Awe, R. J. 2216
 Ayad, N. 3731, 3764, 3780, 4223
 Ayala, S. C. 2740
 Ayarov, I. 4250
 Ayeni, A. O. 3408, 3409
 Ayeni, O. 2131
 Ayonge, S. 3186
 Ayub, M. 6018
 Ayupov, Kh. V. 48, 868, 869, 1400, 1436
 Azevedo, A. V. de 561
 Azevêdo, E. S. 3630
 Azevedo, J. F. de 120, 121, 272, 324, 325, 448, 454
 Azevedo, R. 5203
 Azimov, D. A. 32, 1034, 2143, 5501, 5977
 Azimov, Sh. A. 838, 870, 1293, 1663, 1890, 1891, 1994, 2032, 3410, 3613, 4796, 5569, 5570
 Aziz, S. 3126
 Azizullah, A. 3377
 Azzie, M. A. J. 4131
 Baas, R. J. 846
 Baba, T. 4690
 Babadzhonov, S. N. 2812, 2813, 3019, 3220
 Babaev, F. K. 3216, 3217
 Babaev, Ya. 1078
 Babaeva, M. 962, 5566
 Babaeva, M. B. 29, 5825
 Babaeva, R. I. 1981
 Babenskaskas, M. 1085, 1220, 1221, 1581, 3020, 3021, 3549, 3550, 4625, 4626
 Babero, B. B. 3014, 4603, 6191
 Babichev, V. A. 678
 Babii, L. I. 2057, 2679
 Babin, P. 2228
 Babu, C. S. 5433
 Babu, J. P. 2578
 Babyanskas, M. 1085, 1220, 1221, 1581, 3020, 3021, 3549, 3550, 4625, 4626
 Bacev, K. 5969
 Bachev, K. 871, 900
 Bachinskii, V. P. 1108, 1995
 Bacigalupi, J. C. 5502
 Badescu, C. 3871, 3966
 Badeyan, G. O. 3115
 Badie, A. 5077
 Badmaev, K. B. 3425
 Bae, J. 2819
 Baer, J. G. 1996
 Bagdonene, V. 1013
 Bagdonienė, V. 1013
 Bagheri, F. 3914
 Bagneid, M. 4873
 Bagnoli, P. 3839
 Bagramova, M. A. 3614, 3641
 Baïdaliev, A. B. 1036, 1222
 Bailenger, J. 244, 245
 Bailer, J. 728
 Bailey, G. N. A. 3160
 Bailey, W. S. 3435
 Bain, O. 175, 176, 199, 1851, 2357, 5160, 5582
 Bain, S. A. 3746
 Bairden, K. 5431
 Baján, C. 1754, 1760, 5254

- Bakanidze, T. A. 1550
 Baker, J. C. 3990
 Baker, M. R. 5161
 Baker, N. F. 3221, 4173
 Bakey, M. E. de 6270
 Bakke, T. A. 1564, 2323, 2324, 3544, 5050
 Bakken, G. 752
 Bakr, E. A. 3358
 Bakshandeh, K. 4397
 Balaci, P. 907
 Balagopal Raju, V. 4968
 Balagopalraju, V. 3393
 Balasubramaniam, G. 1828, 3923
 Balasubramaniam, V. 2245
 Balbo, T. 1696, 1830
 Balci, S. 4400
 Baldachin, B. J. 3372
 Baldelli, F. 4958
 Baldo, B. A. 1880
 Baldock, F. C. 5593
 Baldoni, W. 6373
 Bali, H. S. 4507
 Baliga, R. K. 3393
 Balikian, J. P. 511
 Balimezov, I. 4250
 Ballarini, G. 1082
 Ballat, N. E. 5963
 Balló, T. 435
 Bammeke, A. O. 2131
 Banach-Piatkowska, W. 3917
 Bandyopadhyay, A. K. 6, 249
 Banegas, M. 3774
 Banina, N. N. 85
 Banishevskii, A. I. 5913
 Bankov, D. 4982, 5874
 Bankov, D. E. 432
 Banman, W. R. 606
 Bannor, T. T. 4476
 Bansal, M. P. 5988
 Bansal, R. D. 2853
 Bansal, S. R. 2656
 Banting, A. de L. 2033, 2700
 Banzon, T. C. 4312
 Baquir, H. 4401
 Barabanov, V. I. 4799, 4855
 Baramidze, R. N. 3816
 Baranauskene, Ya. 1160, 1437
 Baranowski, T. 1362
 Baratov, V. A. 5056
 Barbier, D. 2255, 2748, 5544
 Barbier, P. 3763
 Barbosa, M. A. 1024
 Barbour, A. G. 2459
 Barbuscia, M. 1269
 Barchkute, Z. A. 5906
 Bardzhadze, B. G. 1550
 Barger, I. A. 5352
 Barker, I. K. 180, 1892, 3116, 4075
 Barnabé, R. 1474, 2064, 4273
 Barnish, G. 940
 Baron, R. W. 4079, 4627
 Barr, A. R. 4628
 Barr, R. D. 3264
 Barrabes, A. 4634
 Barrell, R. 6475
 Barreto, S. C. 4727
 Barrett, J. 2579, 2607, 4174
 Barrett, M. W. 4466
 Barria, H. 1033
 Barrière, L. 1607, 2934
 Barriga, O. O. 748, 1223, 3022, 4123
 Barrios, Z. 3707, 3774, 3776, 3924
 Barron, A. L. 1789
 Barros, C. S. L. 601
 Barros, G. C. 67
 Barsanti, J. A. 3222
 Barsoum, I. S. 1255, 4082
 Bartal, M. 889
 Bartanova, A. A. 5530
 Barth, D. 2657, 4454
 Bartik, M. 417
 Bartlett, A. 1224, 2536, 6263
 Bartlett, M. L. 3595
 Baruš, V. 177, 1777, 1818, 1829, 2324, 4604, 5050, 5493, 6087
 Barzger, M. A. 862
 Basch, P. F. 2592, 2752, 4561, 5078
 Bashirov, R. G. 5571
 Bashkatova, V. A. 1301, 1302, 1438, 1439
 Baskakova, N. A. 2348
 Basmy, K. 1453, 3725
 Basset, M. 3359
 Bassily, S. 674, 3731, 4251, 6150
 Basso, O. N. 5660
 Basson, P. A. 4471
 Bassow, F. 3647
 Bastide, J. 5000
 Bastin, J. P. 4331
 Basurto, J. 3774
 Batchvarov, G. 136, 142, 2910, 4601
 Batke, J. 2048, 3726
 Batko, B. 2217, 2658, 2659
 Batson, B. S. 6117
 Batte, E. G. 1060, 1689, 4132
 Battelli, G. 2864
 Battle, W. B. 513
 Batty, A. F. 346
 Batty, I. 3602
 Baublis, A. 1013
 Baudoin, M. 753
 Bauer, O. N. 1736, 6354
 Baugh, S. C. 4041, 4570, 4590
 Bauman, P. M. 5027
 Baumgartner, M. W. 4260
 Bausov, I. A. 306
 Bautista Villa, F. 3223
 Bayagin, V. N. 870
 Bayandina, D. G. 3510, 4283
 Bayanov, M. G. 643, 2753, 2779
 Bayssade-Dufour, C. 143, 144, 4571, 5121, 6163, 6164
 Bazante, C. A. V. 5983
 Beams, C. G., Jr. 3175
 Beard, C. C. 2031
 Beard, T. C. 4, 872
 Beasom, S. L. 599
 Beauchamp, F. 5531
 Beaucournu, J. C. 5079
 Beaver, P. C. 839, 1982, 2176, 2218, 4940
 Becker, D. A. 5068
 Becquet, R. 4402
 Beda, B. 2248
 Bedding, R. A. 178
 Bednarz, S. 467, 2144
 Beer, R. J. S. 3534, 5588, 6152
 Beër, S. A. 347, 2636
 Befus, A. D. 2460, 3023
 Begg, N. C. 2219
 Béguet, B. 4901
 Begum, N. N. 5460
 Behnke, J. M. 1225, 2461
 Bekhli, A. F. 3252, 5363
 Bekirov, R. E. 1071, 1944, 5277
 Bekish, O. Ya. 5961
 Bekish, O. Ya. L. 779, 1226, 3117
 Belino, E. D. 4455
 Bell, D. R. 3819
 Bellani, L. 1778, 1893
 Bellmaine, S. P. 28
 Belogurov, O. I. 4908
 Belogurova, L. S. 4908
 Belongova, L. I. 3756
 Belopol'skaya, M. M. 2969
 Belous, E. V. 179, 457
 Belousova, M. A. 5364

- Belozеров, S. N. 1842, 6211
 Belozerskaya, N. I. 1640, 2256
 Beltrán-Hernández, F. 3024
 Belyaev, V. I. 3708
 Belyakova, Yu. V. 1755, 3666
 Ben-Adereth, N. 2815
 Ben Ismail, M. 5532
 Ben Rachid, M. S. 5607, 5608
 Benach, J. L. 4533
 Benard, P. 920
 Benazet, F. 3224
 Bendele, R. A., Jr. 3118
 Bendezu, W. 4235
 Bendle, M. S. 5304
 Bénecerraf, R. 4445
 Benediktov, I. I. 1945, 3225
 Benhamou, G. 1618, 4413
 Benítez Usher, C. 5102
 Benjamin, D. E. 5188
 Benjamin, M. 1150
 Benjarasmeroj, S. 6014
 Ben'kovskii, L. M. 5594
 Benmansour, N. 1609
 Bennejean, G. 66
 Bennett, C. E. 2145, 2399, 2400, 2401
 Bennett, D. 2034
 Bennett, G. F. 2364, 3478, 5620
 Bennett, M. 2035
 Bennich, H. H. 1855
 Beovide, H. 21, 2847
 Berberian, D. A. 3729
 Bercovier, H. 1711
 Berdyev, Kh. B. 5404, 5405
 Berenguer-Puvia, F. J. 365
 Beresford, O. D. 2220
 Bereslavi, T. N. 5393
 Bereslavich, T. N. 4817, 5533, 6355
 Berezantsev, Y. A. 3119
 Berezantsev, Yu. A. 5967, 6485
 Berezsko, V. K. 2475, 3025, 5199, 6226
 Berezkin, A. S. 870
 Berg, T. 1855
 Bergeland, M. E. 604
 Berger, P. 3606
 Bergfeld, J. 4926
 Bergin, T. J. 6082
 Bergner, J. F., Jr. 2814
 Bergstrom, R. C. 1037, 1894
 Berkoff, C. E. 3771
 Berland, B. 1109, 1110, 1111
 Berłowski, J. 2036
 Bernard, D. 5560
 Bernard, J. 3925, 5607, 5608, 5686, 5687, 5688, 6145
 Bernhard-Kirukhine, J. 858
 Berntzen, A. K. 4080
 Berry, B. W. 352
 Berry, E. G. 3057
 Berthoud, F. 1006
 Berthoud, S. 1006
 Bertrand, E. 2248, 2556
 Bessmer, R. R. 2038
 Bessonov, A. S. 2637, 2990, 4328, 4778, 4913, 5189
 Best, J. C. 4797
 Betterton, C. 4487, 4488
 Beveridge, I. 162, 180, 2580, 3430, 4051, 4075
 Beverley-Burton, M. 2902, 5119
 Bezin, N. P. 1194
 Bezjak, B. 4629
 Bezubik, B. 246, 348, 5365, 5966, 5970
 Bhagwande, S. B. 2250
 Bhagwat, R. D. 3875
 Bhaibulaya, M. 873, 1413, 5099
 Bhandari, B. 349
 Bhaskaran, C. S. 1895
 Bhaskaran, R. 55
 Bhatia, B. B. 4848
 Bhattacharya, N. C. 3884
 Bhattacharyya, S. 2312
 Bhopale, K. K. 2519
 Bhopale, M. K. 3026, 3829
 Biale, Y. 2815
 Bianco, A. E. 3437
 Biciulevičius, S. 4630
 Bickerstaff, E. R. 4398
 Bickle, Q. 4122
 Bickle, Q. D. 3605
 Bickley, W. E. 5637
 Bida, S. A. 3937
 Biddell, D. 227
 Bidentko, N. M. 1276
 Bidwell, D. E. 1224, 6263
 Biekisz, O. J. 5961
 Bielak-Oleksy, T. 2741
 Bielka, H. 5769
 Bier, J. W. 3900, 5770, 6054, 6131, 6265, 6266
 Bieriezancew, J. A. 5967
 Biesiedina, T. K. 5967
 Biatti, G. B. 4403, 5534
 Bijan, H. 509
 Bikhchandani, R. 1636
 Biktashev, I. S. 1038, 1258, 1310, 2515
 Biles, J. E. 2129
 Bilewicz-Pawińska, T. 1754
 Bilqees, F. M. 1182, 4572, 4573, 5065
 Bílý, S. 1140, 5638
 Bina, J. C. 874, 4085
 Binaghi, R. A. 1266, 6251
 Bindra, R. 2109
 Bindseil, E. 589, 3120
 Biocca, E. 1830, 2164, 2437
 Biozzi, G. 1266
 Birčák, A. 2028
 Birch, C. A. 2780
 Birgi, E. 6159
 Birescu, I. 904
 Biro, S. 5996
 Bírová, V. 4610
 Bissere, B. 4387, 4404, 4405
 Biswas, H. 4939
 Biswas, S. K. 1207
 Bitakaramire, P. K. 4133
 Bitko, M. 6267
 Bitkowska, E. 2948
 Bizilevičius, S. 1581, 5964, 5967
 Bizyulyavichyus, S. 1581, 4630, 5964, 5967
 Black, H. R. 3884
 Black, N. M. 4798
 Black, R. H. 1997
 Blackett, K. 740
 Blagojević, R. 3815
 Blair, D. G. 5139
 Blair, D. M. 2660
 Blair, L. S. 1442, 2663, 3228, 3229, 4800, 5190
 Blair, S. S. B. 1357
 Blake, R. 4696
 Blanch Vila, D. H. C. 271
 Blanchard, H. 4793
 Blanchon, F. 4698
 Blanchon, P. 3898
 Blanchou, J. 5699, 5989
 Blanchou, J. M. 1227
 Bland, P. W. 2462, 4081
 Blankespoor, H. D. 1088, 1565, 4574, 6165
 Blas, B. L. 745, 3081
 Błaszczak, U. 4375
 Blažek, K. 5581
 Blechman, M. G. 3709
 Blew Zacheo, T. 1208
 Blinova, S. L. 3535
 Bliss, D. 5448
 Bliss, D. H. 1936

- Blitshtein, I. I. 411
 Bliznyuk, I. D. 210, 3876
 Blood, D. C. 4360
 Blotkamp, J. 2310
 Błotna-Filipiak, M. 4144
 Błotna, M. 3733
 Blumenthal, D. S. 4406
 Blüthgen, A. 5449
 Boag, B. 1998, 2638
 Boatman, P. A. 6314
 Bobkova, A. F. 2284, 2285
 Bobocea, N. 1668
 Bocharova, M. M. 111
 Bocharova, T. A. 671, 3453
 Boczoń, K. 1896, 1946, 3169
 Boddington, E. B. 5729
 Bodylevskii, V. N. 3332, 5804, 5886, 6024
 Boer, H. H. 5639
 Boersema, J. H. 4407, 5567
 Boev, S. N. 350, 2169, 4224, 5805
 Boever, W. J. 2221, 6097
 Bogatko, W. 1039, 2037, 2294
 Bogdanov, A. G. 574, 575
 Bogdanov, O. P. 1103, 1105
 Bogdanov, V. R. 2084
 Bogdanova, E. A. 86, 1112
 Boghen, A. D. 1831
 Bogitsh, B. J. 808, 3161, 3644, 4631, 4700
 Bognel, J. C. 2238
 Bogojavlenskij, Y. K. 4742
 Bogolepova, I. I. 181, 6192
 Bogoyavlenskii, Yu. K. 716, 4742
 Bohn, F. K. 4477
 Böhnell, H. 1480
 Boisson, M. E. 2267, 2720, 2749, 4440, 4962, 5882
 Bolbol, A. S. 2463
 Bolla, R. 800
 Bollerup, G. 3646
 Bolyura, M. A. 1102
 Bombardieri, S. 1843
 Bombeck, C. T. 513
 Bona, F. 2127
 Bona, F. V. 1722, 3300, 3337
 Bondarenko, S. K. 5140, 6180, 6181
 Bondarenko, V. V. 3411
 Bondarev, V. Ya. 5657, 6325
 Bondareva, V. I. 4224, 5806
 Bonfim, J. R. 3721
 Boni, E. S. 3711
 Boniecka, B. 3226, 4820
 Bonilla, E. 3402
 Bonneau, H. P. 6004
 Bonner, T. P. 4197, 6290
 Bonnet, M. 5544
 Bonneton, G. 1611
 Bono, G. del 2621
 Boomker, J. 3942, 4471
 Borahima 4845
 Boray, J. C. 4301
 Bordes, F. P. 4136
 Borecky, R. A. 5016
 Borel, H. 1275
 Borelli, J. P. 2222
 Borgarenko, L. F. 1723, 2338, 4605, 5120
 Borgers, M. 875, 2661
 Borgsteede, F. H. M. 6456
 Borisenko, N. I. 3260
 Borisenko, V. S. 5407
 Borisenko, Yu. B. 3754
 Borojević, D. 231, 775
 Borojevic, R. 4145
 Boroń, P. 3027
 Boros, D. 5739
 Boros, D. L. 1938, 3028
 Borowik, M. M. 5966
 Borstel, R. C. von 5826
 Borsub, L. 3710
 Bortoletti, G. 6182
 Boryak, E. V. 3308
 Bose, A. N. 2312
 Boshko, E. G. 3474
 Boshko, G. V. 6483
 Bossaller, W. 4142
 Bosworth, W. 1848, 2959
 Botero, D. 6356
 Botros, B. A. M. 1255, 4082
 Böttger, M. 5769
 Bouchet, A. 1227, 4730, 5699
 Bouffet, P. 3295
 Boulay, J. 4963
 Bourgade, P. 6004
 Bourgat, R. 142, 1183, 5121
 Bourgeon, R. 2222
 Bourns, T. K. R. 74, 2884, 3551, 3560
 Bourrel, P. 512
 Bousnina, A. 5532
 Boussac-Aron, Y. 6251
 Bout, D. 1228, 1232, 3553, 4085, 4638, 5200, 5701, 5914
 Bouvry, M. 1294
 Bowen, F. L. 4823
 Bowers, C. J. 950
 Bowmer, E. J. 4779
 Bowry, H. N. 4850
 Bowry, T. R. 4031
 Boyakhchyan, G. A. 257
 Boyakhchyan, Zh. A. 3115
 Boyazoglu, P. A. 4471
 Boyd, E. 3444
 Boyer, M. H. 5191, 5267, 6212
 Bozhkov, D. 3317
 Božkov, D. 6457
 Braband, H. 3699
 Brabander, M. De 875
 Braca, G. 1295, 1929
 Bradley, R. E. 1342, 2704, 6382
 Braide, E. I. 5689
 Braithwaite, A. 5446
 Bramble, A. J. 5827
 Brand, T. von 1588
 Brandly, C. A. 4361
 Braselton, J. P. 3820
 Bratanov, V. 4252, 5366, 5419, 5874
 Bratanov, V. B. 4252
 Braun, J. P. 920
 Braun-Munzinger, R. A. 3824, 3825, 3826, 5921
 Bray, R. A. 2407
 Brazil, R. P. 2060
 Brecht, T. 3897
 Breeze, R. G. 754, 4134, 4697, 5503
 Bregeda, V. Ya. 5886
 Bremner, K. C. 1897, 5192, 6254
 Brenes, R. 1767
 Brennan, B. M. 801
 Brenner, S. 206, 1967, 6472
 Brewer, R. N. 4253
 Breza, M. 4002
 Breznock, A. W. 2223
 Brglez, J. 1547, 4225, 4254, 4508, 5321, 6102, 6103
 Brinckman, W. L. 3788
 Brink, R. v. d. 846
 Brinkmann, A., Jr. 4076
 Brinkmann, U. K. 4773
 Brisard, M. 2222
 Britain, Agricultural Research Council 2803
 Britain, Department of Agriculture and Fisheries for Scotland 4934

- Britain, Edinburgh School of Agriculture 6494
 Britain, Ministry of Agriculture, Fisheries and Food 1603, 6357
 Britain, Rowett Research Institute 5517
 Britain, West of Scotland Agricultural College 498, 4935
 Brito, E. 3633
 Brito, I. V. 5700
 Brito, T. de 5207
 Britov, V. 5174
 Britov, V. A. 698, 2854, 2991, 3029, 4083, 4553, 4606
 Britt, J. 2221
 Brittain, P. C. 608
 Britto-Costa, R. 3406
 Britz, L. 4874
 Brocard, H. 1607, 4698
 Brocks, S. 2170
 Broek, E. van den 2148
 Bron, N. V. 1169, 1170
 Brook, C. M. 2369
 Brook, J. 3779
 Brooks, D. R. 145, 146, 2402, 4040, 6166, 6167
 Brooks, F. 6309
 Brooks, J. R. 593
 Brooks, S. P. 4977
 Brooks, W. M. 6199
 Brosi, B. J. M. 2520, 3094, 4678
 Bross, T. 2816
 Brot, N. 800
 Brotherhood, R. J. 6268
 Brotowidjoyo, M. D. 2662
 Broughton, P. F. 4210
 Brown, A. R. 5193
 Brown, B. J. 4175
 Brown, D. S. 3194
 Brown, H. L. 3891
 Brown, H. W. 4914
 Brown, J. M. 2235
 Brown, K. G. E. 3877
 Brown, N. 5630
 Brown, P. B. 4823
 Brown, R. J. 609, 5609
 Brown, R. N. 1139
 Brozeit, H. E. 6358
 Bruce-Chwatt, L. J. 1608
 Bruce, J. I. 1930, 3088, 5242, 5367
 Bruce, R. G. 4059, 4176
 Bruch, K. 5368
 Bruckmann, G. 5045
 Brudastov, A. N. 4226
 Bruderman, I. 3360
 Bruijning, C. F. A. 3552, 6168
 Brüll, U. 2657
 Brumpt, L. 4408
 Brumpt, L. C. 2817, 4227, 4699
 Brun, J. L. 4900
 Bruna, C. D. 6213
 Brunault, G. 4730
 Brune, J. 5256
 Brunhes, J. 4780, 5522
 Brunsdon, R. V. 2785, 5369
 Brussaard-Wüst, C. C. M. 1756
 Bryan, J. H. 2154, 4228
 Bryceson, A. D. M. 6214
 Bryliński, E. 2911
 Bryner, J. H. 844
 Buaiz, V. 3711
 Bubiñ, Z. 876
 Bubko, O. V. 3445
 Bublik, I. M. 5951
 Buck, A. A. 3891, 5370, 5371, 6215
 Bücking, H. 521
 Buckner, R. L. 6190
 Buckner, S. C. 4489, 4602
 Budagova, G. G. 5427, 5828
 Budanova, I. S. 3654, 3712, 5383, 5861, 6384
 Buddle, R. 4473
 Budkin, R. D. 1379, 1566
 Buecher, E. J. 1949
 Bueding, E. 302, 5372
 Buendia, E. 3030
 Buéno, L. 5744
 Bugaro, R. P. 1889
 Bukhtiyarov, Yu. A. 2897
 Bulakhov, V. L. 5066
 Buldakovskii, P. A. 3271, 5071, 5445
 Bulgakov, V. A. 351, 1401, 2806, 3693
 Bulgakova, A. P. 4799
 Bulhões, M. S. 1465
 Bull, F. 2224
 Bulla, L. A., Jr. 5504
 Bullock, W. L. 1205, 2988
 Bunnag, T. 4158
 Burakauskas, A. 1440
 Burakova, M. I. 254
 Buratt, M. 6290
 Burch, J. B. 1475, 1999
 Burden, D. J. 2392
 Burgat-Sacaze, V. 920
 Burgemeister, R. 1717
 Bürger, H. J. 4095
 Burghardt, R. C. 468
 Burgisser, H. 2950
 Burgu, A. 5287
 Burkan, G. G. 6051
 Burke, G. J. 4084
 Burmak, S. A. 282
 Burmakina, V. F. 5336, 5337
 Burns, M. 2581
 Burr, A. H. 3646
 Burston, T. O. 3049
 Burt, D. R. R. 2426
 Burt, J. S. 2464
 Burt, M. D. B. 2427, 2984, 3994, 5139
 Burzyantsev, A. V. 1432
 Busch, B. 4926
 Busetti, E. T. 6146
 Bush, A. O. 68, 3981
 Buske, M. 5971
 Buslaev, V. M. 5584
 Busse, J. 5911
 Bussières, J. 5523, 6326
 Bustos, J. A. de 1664
 Busvine, J. R. 2171, 2642
 Butenko, T. A. 411, 3754
 Butler, J. M., Jr. 6442
 Butler, T. 5535
 Butler, W. 3900
 Butorina, T. E. 87
 Butrym, B. 3412
 Buts, F. I. 5807
 Butskii, G. I. 1525
 Butterworth, A. E. 718, 1882
 Büttner, D. W. 3589
 Butylin, R. Ya. 5572, 6359, 6374, 6375
 Buys, J. 1873, 2520, 3055, 3094, 4678, 6255
 Buza, L. 88
 Buzmakova, R. A. 247, 265, 1296, 3031
 Buzzell, G. R. 2619
 Bwangamoi, O. 1697
 Bychvarov, G. 2910, 4601
 Byerly, C. S. 5030
 Bykhovskaya-Pavlovskaya, I. E. 4008
 Bykhovskii, B. E. 963
 Bykhovsky, B. E. 89
 Bylund, G. 1200, 1201, 2172
 Byram, J. E. 5685
 Byun, M. S. 5990
 Cabello, C. 3787, 4603, 6191
 Cabezas, P. 1033
 Cabrera, B. D. 4941, 5080, 5373
 Cabrol, D. 4409
 Cain, G. D. 3647
 Calamel, M. 3301, 3926
 Calderón, F. 3776
 Caldwell, P. C. 6291
 Caleb, J. M. 2713
 Caley, J. 1355, 4591

- Calhoun, M. C. 352, 3227
 Cali, A. 6407
 Callegaro, D. 1654
 Calow, P. 3319
 Camargo, M. E. 222, 3795, 5733
 Camerlynck, P. 1609
 Cameron, R. S. 3747
 Camillo-Coura, L. 823, 1441, 1898
 Campbell, G. 950
 Campbell, N. A. 4607
 Campbell, N. J. 2662
 Campbell, R. 3088
 Campbell, R. A. 147, 2970, 4592, 4593, 3141
 Campbell, W. C. 1442, 2663, 3228, 3229, 4319, 4800, 5190
 Campos, D. M. B. 5014
 Campos, M. S. de 755
 Camus, D. 4085, 6223
 Canadian Public Health Association. 4362
 Cancino, E. 554, 784
 Cancrini, G. 2469
 Canese, A. 1007, 4942, 4943, 4944, 4945, 5374, 5461
 Canese, J. 1007, 4942, 4943, 4944, 4945
 Canestri-Trotti, G. 1698, 1699
 Canning, E. U. 2173
 Cantenot, G. 882
 Canto, A. L. 5207
 Cantoray, R. 5631
 Cao Weiji 2360
 Capdevielle, P. 2537
 Capek, V. 513
 Capoor, V. N. 6183
 Capron, A. 1228, 1232, 1294, 3553, 4085, 4638, 5194, 5200, 5701, 5914, 6223
 Capron, M. 1232
 Capuñay, G. R. 2381
 Căpușe, I. 6096
 Carbonell, P. L. 5255
 Cardarelli, N. F. 877
 Carel, R. S. 3360
 Cáceres C., I. E. 5081
 Carlier, Y. 4085, 5701
 Carlsson, G. 2664
 Carlton, W. W. 2865
 Carneiro, J. R. 4509, 5014, 5029
 Carneri, I. de 1610, 2128, 4410, 5505
 Carney, W. P. 514, 609, 840, 3361, 4242, 4412, 5609
 Carpenter, C., Jr. 5739
 Carpio, M. 3945
 Carr, S. H. 2038, 3230
 Carrasco, L. 605
 Carrillo, C. G. 361
 Carrillo Penso, N. 3878
 Cartel, J. L. 3558
 Carter, C. E. 4631, 6292
 Carter, J. B. 4534
 Carter, N. E. 644
 Carter, O. S. 4700, 5772
 Carvajal, J. 4592, 4593, 5141
 Carvalho, A. B. de 818
 Carvalho, B. J. de 557
 Carvalho, E. D. 4509
 Carvalho, J. F. 3438
 Carvalho, O. S. 6327
 Carvalho Varela, M. 3998
 Casaca, V. M. R. 499
 Casarosa, L. 1844, 2465, 2781, 3032
 Casaubon, A. de 2268
 Casey, H. W. 4135
 Caspe, C. E. 5586
 Cassada, R. C. 3162
 Cassone, J. 3835
 Castagnari, L. 4118
 Castillo, J. M. 1361, 4177
 Castle, W. M. 248
 Castleton, C. 1465
 Casto, S. 4067
 Castro, E. R. 5502
 Castro, G. A. 3033, 4632, 6293
 Castro, H. W. R. 361
 Cathanan, G. 4136
 Cather, M. R. 5487
 Catinat, J. P. 2538
 Cattán, P. E. 3014, 4603, 6191
 Cattin, L. 518
 Cawdery, M. J. H. 841
 Cawley, G. D. 878
 Cawthorn, R. J. 4888
 Caylor, J. N. 5693
 Cazenave, P. 774
 Ceiko, V. A. 4801
 Celo, E. M. 5595
 Centro de Edafología y Biología Aplicada del C. S. I. C., Instituto de Orientación y Asistencia Técnica del Oeste. 5518
 Cerda, J. 2893
 Cerf, M. 4413
 Černý, V. 5493
 Čerutti, J. 512
 Červenka, J. 2039
 Cesari, J. 3606
 Céspedes, R. 4701
 Četković, M. 2873
 Ceulemans, F. 2082
 Chabaud, A. 2437
 Chabaud, A. G. 175, 187, 188, 699, 701, 1209, 4058, 4060, 4061, 5162, 5163
 Chabaud, F. 4109
 Chacón, A. R. 2213
 Chad, Institut d'Elevage et de Médecine Vétérinaire des Pays Tropicaux 2203, 6495
 Chagin, K. P. 3195
 Chaiyaporn, V. 3475
 Chakrabarti, K. J. 4041
 Chakrabarti, K. K. 4570
 Chakrin, L. W. 5214
 Chalk, B. J. 3713, 4456
 Chamberlain, A. G. 4707
 Chamberlain, W. F. 5829
 Chambers, P. G. 6001
 Chamone, D. A. F. 2728, 3795, 4311, 5388, 5733
 Champakam, N. S. 3362
 Champeil, A. 4411
 Champetier, J. 1611
 Chand, B. 5375
 Chandavimol, Y. 4802
 Chandler, A. C. 1588
 Chandler, C. M. 4906
 Chandra, S. S. 3231
 Chandrasekharan, A. 4881, 5433
 Chandrasekharan, K. 353
 Chandrasekhararao, A. S. 3879
 Chandrasekhar, N. K. 3906
 Chang, B. P. 2639
 Chang, D. S. 2714, 3279, 5879, 6415
 Chang, J. 3615
 Chang, J. K. 2490, 6218
 Chang, M. C. 2584
 Chang, M. H. 2837
 Chang, S. J. 6218
 Chang, Y. H. 2836
 Chang, Y. S. 2264, 5879
 Chantarakul, N. 6014
 Chantín, L. 4803
 Chanturiya, O. A. 1918
 Chapman, H. C. 1135, 2932, 4535
 Chappell, L. H. 2517, 6316
 Chappell, R. J. 227
 Charleston, W. A. G. 3610, 5340
 Charmot, G. 1463, 4702
 Charters, A. D. 1977
 Chase, C. H., III 5881

- Chase, C. H., Jr. 5881
 Chastain, C. B. 4804
 Chatelain, C. 2538
 Chatterjee, B. 515
 Chatterjee, K. D. 4363
 Chatterjee, S. 5536
 Chatterji, A. 249, 250
 Chaturvedi, Y. 5019,
 5108, 5181
 Chaubal, S. S. 1347
 Chaudhuri, P. K. 2312
 Chaudhuri, S. 4682
 Chaudhury, A. C. 2412
 Chauhan, B. S. 5104,
 5116, 5136, 5137, 5666,
 5667
 Chavarria, A. P. 4249
 Chavchanidze, G. I. 1918
 Chavdarova, M. 3888
 Chaves, J. 759
 Cheah, K. S. 2582
 Cheema, A. H. 756
 Cheever, A. W. 1861,
 1930, 4137, 4715, 5257
 Chefranova, Yu. A. 5830,
 5831
 Chegodaeva, M. V. 3232
 Chelemen, N. 5558
 Chemaly, A. F. 1009
 Chen, C. F. 1826
 Chen, C. R. 1546
 Chen, D. H. 2646
 Chen, E. R. 3714
 Chen, M. S. 1415
 Chen, P. 4086
 Chen, P. S. 1135
 Chen Pu-Lin 2738
 Chen, S. N. 2837, 3034,
 3072, 5195, 6118, 6216,
 6217
 Chen, T. J. 2646
 Chen, T. Y. 2818
 Cheng, H. F. 2485
 Cheng, T. C. 801, 879,
 880, 996, 1238, 1832,
 1899, 1951, 2174, 3476,
 3651, 4862, 4889, 5122,
 5504, 6119
 Chenitir, H. 4983
 Chenneberg, R. 3558
 Cherepanov, A. A. 5659,
 5793, 5832, 5833, 5834
 Cherkasov, V. M. 1531
 Chernin, E. 60, 824, 1757,
 4345, 5315, 5376
 Chernin, J. 2466, 3554
 Chernobaï, V. F. 1724,
 2403, 2428, 4515
 Chernogorenko, M. I.
 1978, 3308, 3477, 3674,
 4178
 Chernova, I. I. 6360
 Chernova, T. N. 2339
 Chernyaeva, A. I. 2040,
 5861, 5961, 5967
 Chernyshenko, A. I. 3756
 Chernyshkova, M. P. 881
 Chertkova, L. P. 2912
 Cherykaeva, N. S. 3961
 Chesnokova, T. T. 300
 Chevis, R. A. F. 382, 898,
 4642, 6361
 Chevrier, L. 3926
 Chew, K. 6114
 Chhabra, R. C. 3413
 Chiba, H. 5280
 Chibichenko, N. T. 132,
 833, 4019
 Chicco, J. 6034
 Chieffi, P. P. 211
 Chien, H. H. 1826
 Chikarleeva, N. A. 1014
 Chimishkyan, K. L. 212,
 678, 4633
 Chin, T. H. 2334
 Chinese Society of
 Microbiology 6486
 Ching, C. C. 700, 5696
 Ching, H. A. 6444, 6458
 Chinone, S. 5297
 Chirgadze, T. V. 1297,
 3184
 Chiriac, E. 3982, 5973
 Chiribelea, E. 354
 Chiriboga, J. 954, 5640
 Chiridac, E. 3982
 Chirkov, G. I. 1194
 Chitara, N. L. 5555
 Chitiashvili, B. G. 4457
 Chitkara, N. L. 2821,
 5220, 5716
 Chitwood, B. G. 1588
 Chitwood, M. 516
 Chitwood, M. B. 1588
 Ch'iu, F. H. 5665
 Chiu, J. K. 517, 1155,
 3405, 3880, 5991, 6052,
 6120
 Chiu, L. Z. 2836, 4771
 Chiu, P. C. 3405, 5991
 Chkili, T. 2823
 Chlebauskas, P. 1246,
 1247, 3272
 Cho, K. H. 6362
 Cho, K. I. 6005
 Cho, K. M. 2467, 2490,
 6009, 6218
 Cho, S. Y. 2295, 2367,
 2368, 2374, 2819, 5537,
 6012, 6107, 6138
 Cho, Y. J. 2667
 Chobanov, R. E. 3189,
 3196, 3197, 3685
 3686, 5338
 Chocholkowa, N. A. 5967
 Chodera, L. 2041, 3121,
 3243, 3909
 Chodorowski, W. 5966
 Choi, B. H. 2693
 Choi, C. W. 2264, 2265,
 2715, 2718, 3279, 3280
 Choi, D. H. 2645
 Choi, D. W. 2243, 2244,
 2358, 2583, 4230, 4783,
 5341, 5641, 6005, 6104,
 6121, 6388
 Choi, W. K. 2693
 Choi, W. Y. 2468, 2494,
 2495, 2820, 3035, 5702,
 5992, 6219, 6242
 Chokhonelidze, M. S.
 2914
 Chopping, G. D. 4809
 Chopra, J. S. 5716
 Chopra, S. A. 3149
 Chopra, S. K. 3399
 Choudhry, A. W. 2665,
 4229
 Choudhury, M. 1207
 Chovet, M. 774
 Chow, D. C. M. 6336
 Chowanice, W. 2142,
 3414, 4373, 5835, 5965
 Chowdhury, A. B. 6, 250,
 3884, 4788
 Chowdhury, M. U. A. 971
 Chowdhury, N. 5142
 Chrelashvili, T. V. 1920
 Christensen, B. M. 6122
 Christensen, N. Ø. 2359,
 4214
 Christenson, N. Ø. 5467
 Christenson, R. O. 1588
 Christensson, D. 1443,
 4458, 4733
 Christian, J. 4559
 Christie, E. 5596
 Christie, J. R. 1588
 Christie, M. J. 382
 Christofferson, P. V. 6443
 Chroust, K. 355, 576,
 2666, 3929, 5963
 Chroustas, K. 4630
 Chroustová, E. 1598,
 1599, 4805, 4806
 Chu, C. X. 2836
 Chu, J. K. 2584, 2667
 Chu, Y. I. 6444, 6458
 Chubabriya, G. A. 1549,
 1845, 1900, 1918, 4720
 Chubaryan, F. A. 3115
 Chubb, J. C. 2640
 Chugh, T. D. 2821

- Chuiko, L. S. 1353, 1481
 Chulabuspa, C. 926
 Chulkova, V. G. 6459
 Chun, A. K. 1758
 Chun, S. K. 6130
 Chung, B. J. 2244, 2358, 4230, 5641, 6104, 6121
 Chung, D. K. 2539
 Chung, H. K. 4230
 Chung, H. L. 1796, 5665
 Chung, H. S. 2714, 3279, 6020, 6343
 Chung, K. H. 2715, 5993
 Chung, P. R. 1612, 3290
 Chung, S. W. 6362
 Chute, A. M. 2961, 6151
 Ciba, K. 5
 Cibulka, J. 3298
 Ciesla, D. 3339
 Cioli, D. 6445
 Cironeanu, I. 3233, 3536, 4554, 4923, 5968
 Ciunienė, E. 1350, 3627
 Clain, D. 3372
 Clapier, V. 4136, 4807
 Clark, C. J. 356
 Clark, D. 207
 Clark, D. T. 2704
 Clark, J. D. 5257
 Clark, R. A. F. 3036
 Clark, S. A. 2742
 Clark, W. H., Jr. 6469
 Clarke, J. L. 3296
 Clarke, K. R. 6460
 Clarke, M. D. 4412, 5994
 Clarke, V. de V. 248
 Clausen, B. 5046
 Clegg, J. A. 241, 1277, 4202, 4654
 Clinard, E. H. 3595
 Clinton, R. L. 5015
 Closier, M. D. 3741, 3742
 Cloutman, D. G. 2340, 5068
 Clutter, W. G. 749
 Coadwell, W. J. 2540
 Coble, D. W. 640
 Cock, W. de 3108
 Cockrill, H. 2560
 Codrea, A. 5996
 Coelho, P. M. Z. 5196, 6461
 Coelho Rombert, P. 238, 243, 272, 324
 Coelhoe Rombert, P. 719
 Coggins, J. R. 950
 Cohen, J. E. 3122
 Coil, W. H. 2979
 Colby, R. W. 4255
 Cole, C. 749
 Cole, E. R. 3234
 Cole, W. C. 5994
 Coleman, G. U. 2239
 Coles, E. H. 4915
 Coles, G. C. 1229, 2585, 2668, 3235, 3715, 3716
 Colette, J. 1560
 Colglazier, M. L. 2042, 2107, 2690
 Colley, D. G. 3555, 5196
 Colli, C. 213, 1204, 4483
 Colli, C. W. 2100
 Collins, J. A. 1476, 3957
 Collins, K. J. 6268
 Collins, R. F. 214
 Colombani, B. 2327
 Coltori, E. A. 2430
 Coltorti, E. A. 215, 226, 2586, 3037
 Coluzzi, M. 2469
 Colvin, R. C. 3088
 Colwell, D. A. 1665
 Coman, B. J. 2622, 3201, 3667
 Coman, S. 2963
 Combes, C. 136, 137, 1183, 4601
 Combescot, C. 4634
 Combs, D. L. 3991
 Commergnat, J. 2043
 Commonwealth Institute of Helminthology 477, 478, 479, 480, 481, 3853
 Conceicao Avelino, I. 4017, 4018
 Conceição, M. J. 1552
 Condat, M. 3606
 Conn, H. O. 4703
 Connan, R. M. 2587, 3236
 Connor, D. H. 743, 1331, 3891, 4658, 6220
 Connor, T. H. 402
 Conover, A. E., Jr. 593
 Contos, N. 4179
 Contreras, M. C. 720
 Contreras, M. del C. 721
 Conway, D. P. 1539
 Cook, D. E. 4138
 Cook, J. A. 3717, 3745, 4256, 4384, 5240
 Cook, R. W. 5377
 Coolidge, C. 546
 Coombs, D. W. 43
 Coombs, R. R. A. 3857
 Coop, R. L. 2541, 3156, 6286
 Cooper, C. L. 3983, 4510, 5322
 Cooper, D. R. 4977
 Cooper, J. E. 1613, 3687, 4514, 5034
 Cooper, N. B. 163
 Cooper, S. C. 2588
 Copeland, E. M. 6293
 Copeman, D. B. 4809
 Copland, J. W. 2438
 Cora, J. M. 921
 Corba, J. 216, 1478, 2686, 3038, 4635, 5378
 Corbel, M. J. 3039
 Cordeiro, C. A. 5591
 Cordero del Campillo, M. 90, 1402, 3340
 Córdoba, L. F. de 271
 Corkum, K. C. 1185, 2411
 Cornec, J. P. 3840
 Cornelius, C. E. 4361
 Cornelius, J. B. 1255
 Cornere, B. M. 2834
 Cornet, L. 1614, 4808
 Cornford, E. M. 5141
 Cornish, J. 6221
 Corpuz, Z. C. 903
 Corrêa, F. M. A. 1024
 Corrêa, L. de L. 3794
 Correa, L. R. 6473
 Cortina, V. C. 5999
 Corwin, R. M. 770, 2031, 4975, 6097
 Cosgrove, G. E. 2341, 6065
 Costa, D. P. 1633
 Costa dos Santos, F. C. 5029
 Costa, H. M. de A. 234, 580, 2866
 Costa, J. A. R. da 2060
 Costa, J. C. de M. 818
 Costa, J. O. 67, 234, 580, 2866, 5481
 Costa, U. C. da 1782
 Costantini, R. 1830
 Coster, J. E. 5643
 Cottier, H. 1245
 Cottrell, B. J. 2479
 Cottrill, B. R. 747
 Coudert, J. 3881, 4734, 5256
 Coulanges, P. 4109
 Coulaud, J. P. 3383, 4640
 Coulbaly, N. 1614
 Coulomb-Gay, R. 3840
 Counelis, M. 407
 Coura, J. R. 757, 1552
 Courareau, G. 2064
 Couraud, L. 4411
 Courtin, S. 2893
 Courtin, S. S. 3008
 Courtois, D. 1404
 Courtois, D. 883
 Coutinho, A. 2670, 3547
 Coutinho, A. D. 3718, 3721
 Craig, G. B., Jr. 5649
 Craig, L. H. 3185
 Craig, R. E. 5016

- Crandall, C. A. 1876,
3575, 4636, 5193
Crandall, R. B. 217, 1876,
3576, 5193
Crane, G. G. 758
Crane, J. W. 687
Crank, G. 3234
Crans, W. J. 4533
Crawford, M. A. 4745
Cree, J. de 3108
Cremers, H. J. W. M.
1947, 2005, 4555
Cremin, B. J. 5538
Crespo, F. G. 6021
Crichton, V. J. 4993
Crider, C. R. 218
Cristófaró, R. 3998
Crites, J. L. 1424, 1827,
2021, 3983, 3990, 4510,
5322, 5473
Croft, R. E. 615
Croll, N. A. 825, 1356,
2623
Crompton, D. W. T. 5621
Cross, J. H. 609, 1612,
2818, 4010, 4312, 4412,
5609, 5994, 6075
Crossland, K. 207
Crossland, N. O. 4257
Crowell, W. A. 4139
Crowley, J., Jr. 1539
Crowley, J. W., Jr. 5448
Crusz, H. 700, 5696
Cruz e Silva, J. A. 2867
Cruz-Reyes, A. 1127,
1204, 4483
Cruz, T. 3633
Cullen, J. 6000
Culley, D. D., Jr. 82
Čuperlovič, K. 5288
Cupp, E. W. 1067
Curan, D. 1615
Curbelo Zamora, S. 2050
Curiel, M. 759
Current, W. L. 1759
Currey, H. M. 3318
Curri, G. 518
Curti, P. 269
Cuturić, S. 4479
Cvetanova, E. 6222
Cvetković, L. 775, 3163,
4309, 6391, 6421
Cygan, Z. 357
Cypess, R. H. 1251, 1860,
1864, 2470, 3040, 5703,
5715, 5720
Czaplińska, D. 5973
Czapliński, P. 3847, 3984,
5972
Czarecki, S. 1616
Czechowicz, K. 5961
Czczuga, B. 3648
Czerniajew, A. K. 5967
Czerniajewa, A. I. 5961
Czerpak, R. 5967
Czifer, S. 4743
Czok, R. 4743
Da Silva, D. 1007
Da Silva, D. J. 358
Da Silva, L. C. 5388
Dąbrowski, F. 4375
Dadaev, S. 1034
Dade, A. W. 322, 770,
1298, 5031
Dago-Ekribi, A. 3364
Dai Aiyun 2360
Daibova, M. Z. 400
Daǰdaliev, T. 1981
Daija, G. 1086, 4025, 4605
Dailey, M. D. 164, 5614,
5615
Daiya, G. 1086
Daiya, G. G. 4605
Dakroub, R. 5717
Daky, J. J. 1789
Dalal, N. J. 442, 3294
D'Alessandro, A. L. 3431
Dallas, C. 5565
Dall'Orso, L. M. 2224
Damas, D. 3841
Damas, R. 512
Damian, R. T. 5197, 5257,
5462, 6237
Damm, A. 133, 4373
Damm, D. 2047
Damme, N. van 1579
Damodaran, S. 2903, 5017
Danaraj, T. J. 739
Dancesco, P. 5558
Dancescu, P. 5964, 6269
Daněk, J. 5456
Daniel, C. 276
Daniel, M. 4604, 5691,
6087
Daniels, B. A. 983, 5123
Daniels, J. C. 4637
Danil'chak, V. D. 793,
1053
Danilevičius, E. 359, 1299,
1322
Danilevskii, M. L. 5083
Danilov, L. G. 4536
Danilyavichyus, E. 359,
1299, 1322
Danis, M. 1463
Daniyarov, I. A. 1040,
1444, 1666, 2044, 5836
Daniyarov, I. L. 5825
Daniyarov, M. 6157
Daniyarov, M. R. 307
Danner, G. 4303
Daoud, E. H. 4152
Dargene, R. 1230
Dargie, J. D. 2471, 4141,
5274
Dargienė, R. 1230
Darsie, R. F., Jr. 6411
Darski, J. 2146
Darvill, F. M. 4823
Darwis, F. 1029
Das, M. 1004, 5323
Das, U. L. 3959
Das, U. P. 6
Dash, K. M. 5413, 6254
Datta, B. 2393
Datta, R. K. 3798
Dattachaudhuri, B. 251
Daugalievā, Ē. Kh. 1281,
1300, 1301, 1330, 1348
Dauphiné, T. C., Jr. 3415
Dávalos, E. 3423, 3776,
4275
Dave, D. B. 4444
Davey, K. G. 169, 1821,
1831, 5290, 6187
David, A. 2857
David, J. R. 4637, 5240
Davidov, O. N. 5973
Davidson, D. L. 5128
Davidson, W. R. 1833,
2316, 2322, 4511, 5051
Davies, C. 2589
Davies, C. T. M. 6268
Davies, J. B. 3379
Davies, Z. 821
Davis, A. 5837, 5838
Davis, B. O., Jr. 3164
Davis, G. M. 840, 2175
Davis, R. 4335, 4336
Davis, W. G. 3193
Davison, C. 3729
Davlatov, N. 2957, 3968,
3989
Davydov, G. S. 4491
Davydov, O. N. 283, 292,
1376, 2590, 3649
Davydov, V. G. 4180
Davydov, Yu. M. 4258,
4329
Dawes, Ben 986, 5953
Dawiskiba, E. 2225
Dawson, C. O. 4134
Dawson, G. A. 5557
Dawydow, O. N. 5973
Day, M. F. 6177
Dayal, Y. 2226
Daynes, P. 1227, 5724
Dazo, R. C. 2129
De Bakey, M. E. 6270
De Casaubon, A. 2268
De Eguileor, M. 5488
De Jong, N. 6090
De Jong, N. M. 2148
De Lauture, H. 5437
De Orueta, A. 916

- De Rycke, P. H. 3165,
3653, 4752, 5142, 6301
- Deac, A. 354
- Deaconescu, I. 1450
- Dean, D. A. 4110
- Deans, H. D. 4809
- Deblock, S. 3309, 5124
- Dębowska, B. 5911
- Debray, C. 4413
- Dechtiar, A. O. 135
- Dedman, J. R. 802, 1362
- Deelder, A. M. 219, 722,
1231, 1846, 1847, 3556
- DeGiusti, D. L. 4044
- Degremont, A. 4260
- Degremont, A. A. 1589,
3882, 3883, 4259
- Deguchi, N. 5357
- Deiana, S. 2030
- Dejong-Brink, M. 5639
- Dejoux, C. 1445
- Dekhtsunnyan, K. M. 1008
- Deklotz, R. J. 5539
- Del Fosse, E. 6099
- DeLahunta, A. 4464
- Delaney, A. 758
- Delatour, P. 882, 883,
5379
- Delcure, J. 905, 3254
- Delgado, A. 3927, 4208
- Delgado A., E. 1984
- Delia, S. 4118
- Delyamure, S. L. 62,
3977, 4231, 5507
- Dembele, M. 5540
- Dement'ev, I. S. 1302,
1315, 1316, 1403
- Demidov, N. V. 1446,
2045, 5906
- Demshin, N. I. 458, 964,
3854, 5924, 6462
- Demski, G. 5963
- Denev, I. 723, 5874
- Deng, T. B. 1826
- Denham, D. A. 252, 781,
1854, 2669, 3570, 4330,
4810, 4852, 6321
- Deniau, M. 5544
- Denisov, V. A. 5869,
6328, 6412
- Denisova, L. I. 5839, 6406
- Dennis, D. T. 5463
- Dennis, E. W. 3719, 3729
- Dennis, R. D. 2591
- Denoix, C. 4440
- Denshina, S. V. 3967
- Denton, J. F. 148
- Deodhar, L. P. 3875
- Deom, J. 858, 2000
- DeRoth, L. 49
- Derouin, F. 2934
- Derr-Harf, C. 1555
- Desai, M. 2250
- Deschiens, R. 4816, 5840
- Deshpande, M. S. 5988
- Desjardins, Y. 2283
- Desowitz, R. S. 544, 1029,
2227, 4087, 4261, 5704
- Despommier, D. 286, 760
- Despommier, D. D. 724,
4181, 4200
- Dessaint, J. P. 1232, 4638,
6223
- Destombes, P. 4262
- Deters, D. L. 6306, 6470
- Deubert, K. H. 5776
- Deunff, J. 5079
- Deutsch, W. G. 4596
- Deutsche Demokratische
Republik,
Parasitologische
Gesellschaft, Sektion
Helminthologie. 4364
- Dev, B. 3324
- Devdariani, Ts. G. 2439,
3481
- Devi, E. S. 1895
- Devlin, J. 2814
- Dew, M. 1967
- Dewan, M. L. 971
- Dewhirst, L. W. 5524
- Dexter, E. d'H. 3985
- Dey-Hazra, A. 2048, 2672,
3125, 3726, 4708, 4813,
5258, 5259, 5771, 5844,
6195, 6272
- Dhar, R. L. 191
- Dharamadhach, A. 4432
- Dhawan, K. 6183
- Diallo, S. 5437
- Diarova, G. S. 1735, 1737,
2913
- Dias da Silva, W. 3583
- Dias, E. P. 2691
- Dias, J. C. A. 5361
- Diaw, O. 3537
- Diaz, A. del L. de 5206
- Díaz, L. 1161
- Díaz-Ungria, C. 1582
- Díaz, V. 617, 1097
- Dickerson, G. 360
- Dickinson, A. B. 1738,
3992
- Dickinson, E. O. 6089
- DiConza, J. J. 2592, 2752,
4561
- Didă, I. 3947
- Didas, V. 4630
- Diego, A. I. de 361
- Diesfield, H. J. 3557
- Dietz, G. 3589
- Diggs, C. L. 3088
- Dikov, G. I. 1447, 1448,
1449, 1481, 1482, 1526,
2046, 3237
- Dikov, V. 5969
- Dilene, D. 1160
- Dillon, W. A. 135
- Dil'man, P. N. 5106
- Dimitrijević, S. 5062
- Dimitrov, D. G. 796
- Dimitrov, G. 3720, 4704
- Dimitrov, S. 5429
- Dioni, W. 6123
- Dionisio, P. 4235
- Diot, J. 2238
- Dipeolu, O. O. 5549
- Discamps, G. 1404
- DiSpezio, M. 4344, 6467
- Dissanaike, A. S. 5018,
5997
- DiStefano, H. 4562
- Disy, P. 519
- Dixit, V. K. 5841
- Dmitrieva, N. I. 929, 5995
- Dobrohotova, O. V. 2361
- Dobrokhotova, O. V.
2001, 2361, 3511, 5082
- Dobrovol'skii, A. A. 2754,
3527, 3831, 4042
- Doby, J. M. 2228
- Dodin, A. 4088, 4140,
4807, 5724, 5784
- Dohi, Y. 531
- Dohy, H. 725, 734, 1771,
4690
- Doi, K. 562, 5735
- Doktorov, Yu. S. 5381,
5395
- Dolgikh, A. V. 1405
- Dolinina, T. K. 4185
- Dollinger, P. 2885, 3928,
4263, 4454
- Domingues, A. L. C. 345,
3721
- Domingues, A. T. C. 3547
- Domingues, C. 2670
- Domingues, S. H. S. 3287
- Dominguez, P. 3707,
3776, 4275
- Dominitii, H. 1450
- Donahoe, J. M. R. 1700,
5745
- Donahoe, J. R. 4478
- Dondero, T. J., Jr. 3884
- Donev, A. 5382
- Dongabi, V. 3871
- Donges, J. 2593
- Donikian, M. A. 3729
- Donin, C. L. L. 2158
- Donnerbauer, H. J. 2300
- Dorchies, P. 726, 2472,
5744
- Doré, C. 6268

- Doremus, H. M. 3743
Doren, G. 930, 1518
Dorozynski, A. 3238, 6363
Dorsey, C. H. 6169
Doss, S. T. 3722
Dossetor, J. F. B. 2833
Dossman, M., D. 1198
Doster, G. L. 4511, 6094
Dotterer, T. D. 3284
Dottorini, S. 4958
Doucet, J. 18, 1614, 2829, 3364, 3588
Douch, P. G. C. 284, 1357, 2594, 3166
Dougherty, R. M. 4562
Douglas, A. F. 1015
Doury, J. C. 2537
Dovzhenko, V. A. 5383
Dowdle, E. B. 3083
Doy, T. G. 338, 2478, 4096, 4098
Doyle, T. R. 4450
Drabkin, B. S. 1
Drăgan, S. 5996
Drăghici, G. 5996
Drăghici, O. 5996
Dragne, N. 1450
Dragneva, N. 231
Draper, C. C. 4112, 5198, 6013, 6224
Draskau, T. 5928
Dremkova, P. P. 2362, 2363, 3830
Dresden, M. H. 285
Drevemo, S. 128
Drobeck, H. P. 3729
Drobishchenko, N. I. 976, 5583
Drogun, A. G. 4811
Dronen, N. O., Jr. 3310
Drózdź, J. 2286
Drudge, J. H. 34, 573, 884, 1451, 2031, 2087, 4264, 4452, 4463, 6389, 6390
Druzhinin, N. D. 4240
Druzyankovska, L. 3806
D'Silva, V. 3362
Du Plessis, T. A. 5905
Du Toit, J. F. 5799
Dubansky, V. 5963
Dubey, J. P. 5596, 5603
Dubin, S. 2641
Dubinský, P. 1954, 5289, 6225
Dubois, G. 2404, 2405, 2971, 3518, 4043
Dubovskaja, A. J. 4201
Dubovskaya, A. Ya. 4201
Dudka, A. A. 5831
Dudkina, A. V. 1210
Dudkina, M. S. 1643
Dudrick, S. J. 6293
Dufek, M. 1617
Duggan, R. T. 2330
Dugimont, J. C. 1228, 3553, 5914
Duk, I. 1879, 2147
Duke, B. O. L. 663, 3041, 3167, 3885, 3891, 4705, 4706, 5842, 5843, 6214
Dukes, I. A. F. 1009
Dukes, T. W. 2542
Dukić, Z. 6329
Dulceanu, N. 1667
Dumas, M. 2822
Dunagan, T. T. 1950, 3531, 6189
Dunand, J. 18
Dunbar, G. A. 2723
Duncan, B. L. 4044
Duncan, J. 885, 886
Duncan, J. L. 3723, 4089, 4141, 5431
Dunganova, G. 627
Dunkley, L. C. 6294
Dunlap, J. S. 1665
Dunne, D. W. 4122
Dunsford, H. A. 3743
Dunson, G. 4732
DuPlessis, D. M. 6058
Duran, E. 551
Durette-Desset, M. C. 182, 183, 184, 185, 186, 187, 188, 189, 200, 699, 701, 3537, 5162, 5186
Durham, P. J. K. 3616
Durning, J. P. 1242
Duron, J. J. 1618
Durosoir, J. L. 2473, 3558
Dusenbery, D. B. 2155, 4182, 5794
Dustova, L. T. 5009
Dustova, R. T. 5248, 5305, 5306
Dutt, K. 5165, 5166
Dutt, S. C. 2598, 6230
Dutta, J. K. 2671, 3239
Dutta, P. K. 6364
Dutta, S. N. 1619
Duvall, R. H. 1930
Düwel, D. 362, 363, 396, 849, 1901, 2047, 2696, 4142, 4265
Düwell, D. 1452
Dvořnos, G. M. 253, 254, 3538, 3918
Dvorak, C. A. 2031
Dvořák, M. 777, 5008, 5456
Dvorkin, L. B. 1902, 1917, 2543
Dvoryadkin, V. A. 4001, 5332, 6124, 6170, 6317
Dwivedi, M. P. 5666, 5667
Dwork, K. G. 2229
Dworzańska, A. 1914
Dyer, A. R. 3402
Dyer, W. G. 6193
Dyk, V. 576, 2666, 3929, 4630
Dymała, L. 2816
Dymowska, Z. 3363, 5911
Dyner, E. 5963, 5973
Dyubina, T. A. 340
Džakula, N. 2532, 3976
Dzhabbarov, A. R. 5055, 5056, 5058
Dzhabbarov, D. G. 1128
Dzhalilov, U. D. 2396, 4594
Dzhalilova, S. Kh. 5327
Dzhavalidze, M. G. 4338
Dzhikiya, V. V. 2914
Dzhundubaev, K. D. 4855
Dzieciuchowics, M. 2325
Dziekónski, J. 1739
Dziewit, T. 5962
Earl, F. L. 6265
Earnest, D. L. 5535
East African Community 1604
East, J. M. 3235
Easty, D. 5630
Ebersole, J. L. 5720
Ebrahimian, A. 5060
Ebrahimzadeh, A. 4266
Ebsary, B. A. 2364, 3478
Eck, H. 4952
Eckert, J. 577, 1219, 1520, 1772, 3198
Economy, D. 220
Edeson, J. F. B. 2002
Edgar, S. A. 4253
Editorial Board 6496
Edlin, E. M. 285
Edson, S. A. 5072
Eduardo, S. L. 4584, 6035, 6272
Edwards, C. M. 4707
Edwards, H. 4798
Edwards, J. A. 2031
Efimov, N. P. 2737
Efremov, E. E. 3044, 4091
Egizbaeva, H. I. 2544
Egizbaeva, Kh. I. 4232, 6463
Egorova, T. P. 6194
Eguileor, M. De 5488
Egusa, S. 2431, 2558, 2710, 5157, 5158, 5420
Egypt, Ministry of Health 3341

- Egyptian Veterinary
Medical Association
3855
- Ehrlich, I. 2595, 4751,
5296
- Eichler, W. 6482
- Eimontas, Z. 1220, 1233,
1367, 3042, 3559, 3585
- Einszporn-Orecka, T. 1939
- Eisa, H. 3095
- Eisenegger, H. 3198
- Ekingen, G. 3454
- El-Abdin, A. Z. 3514,
3724, 3765
- El-Abdin, Y. Z. 5755
- El-Ahmady, L. M. 2230
- El-Asmar, F. 1307
- El Assiouty, I. M. 1453
- El-Din, S. S. 3725
- El-Edrissy, A. W. 2824
- El-Garem, A. A. 3765
- El-Garhi, M. A. 3703,
3704, 3705
- El-Gengehy, M. T. 3126
- El-Gindy, M. A. 2824
- El-Gindy, M. S. 3780,
4812
- El-Gohary, A. 261
- El-Guindi, S. 1307
- El-Hanawy, H. 4247
- El Hassan, A. A. 2373
- El Hassan, A. M. 4152,
5546
- El-Hawary, M. F. S. 3617
- El-Hossary, G. H. 3755
- El Karim, M. 6268
- El Leil, M. S. 4082
- El-Mahrouky, S. F. 3617
- El Marsfy, Y. S. 3043
- El-Masry, A. 6150
- El-Masry, N. A. 4251
- El-Mawla, B. I. G. 1495
- El Mehairy, M. M. 1453
- El-Moffy, A. M. 3124
- El-Naffar, M. K. 3520
- El-Okby, L. 2387
- El Ouarzazi, A. 2823
- El-Rasiky, E. H. 3561
- El-Raziky, E. H. 3131,
3705, 3724, 3730, 3765
- El-Refaii, A. H. 1043,
1129
- El-Sawi, M. F. 4247
- El-Sewefy, A. Z. 5998
- El-Sheikh, A. 3126
- El-Shenawy, S. F. 3634
- El-Sherif, M. 1307
- El-Sherry, M. I. 6271
- El-Zawahry, M. 2851
- Elarre, A. 910
- ElBihari, S. 1979
- Eldridge, B. F. 3128
- Eley, T. J., Jr. 6088
- Elhence, B. R. 3386
- Elias, E. A. 2571
- Eliazian, M. 4267
- Eller, L. L. 3123
- Elliott, D. C. 3616
- Ellis, C. 124
- Ellis, J. C. 74, 3551, 3560
- Ellis, J. H., Jr. 5430
- Ellis, W. L. 5300
- Ellory, J. C. 6291
- Elsdon-Dew, R. 1620
- Else, J. G. 5997
- Elsehly, A. 3142
- Elslager, E. F. 1454
- Elwi, A. 4736
- Elze, K. 4268, 4303
- Emel'yanov, V. S. 2342
- Emeryk-Szajewska, B.
1913
- Encinas Grandes, A. 4569
- Enders, B. 220
- Engashev, V. G. 2117
- Engelbrecht, H. 3688,
3886, 4090, 5541, 5968
- English, R. G. 4047
- Engvall, E. 3562
- Enigk, K. 2048, 2672,
3125, 3726, 4708, 4813,
5258, 5259, 5771, 5844,
6195, 6272
- Enjetti, E. 3294
- Enzie, F. D. 2042, 2690
- Épshtein, V. M. 3322
- Éradze, N. G. 1918
- Erasmus, B. 3942, 4471
- Erasmus, D. A. 2673,
2766, 3568
- Erbolatov, K. 2544
- Erbolatov, K. M. 1903
- Ergaliev, K. 427
- Ergens, R. 1176, 2373,
3993, 4567, 5117, 5661,
6156, 6157, 6158
- Erickson, J. E. 6476
- Eriksen, L. 4099
- Erinskaya, L. S. 4359
- Erkulov, E. 1211
- Erkulov, K. 190
- Erkulov, K. É. 3519, 4619
- Ermolin, G. A. 3044,
3045, 3143, 4091
- Ermolova, E. N. 1234,
1353, 1447, 1448, 1449,
1482, 3237, 5732
- Ermolova, R. S. 3329,
5427, 6273
- Érnazarov, D. Zh. 1406
- Érnazarov, Zh. 1420, 2049
- Ernst, C. H. 1104
- Ernst, E. M. 1104
- Ernst, S. 598
- Ernst, S. C. 3168
- Erofeeva, T. V. 5833
- Erp, A. J. M. van A. van
4746, 4747
- Érré, E. A. 4305
- Ershov, V. S. 2474, 2475,
3046, 4092, 4269, 4929,
5199, 6226, 6227
- Ertel, J. C. 4193, 4194
- Ertürk, E. 4490
- Esch, G. W. 950, 1088,
4744
- Éshankulov, M. M. 3727
- Éshbaev, K. 5305, 5306
- Esiami, A. H. 501, 578,
6036, 6365
- Espaine, L. 4002, 4003
- Esperón Sumano, A. E.
3407
- Espinasse, J. 2880
- Esquerre, J. 4163
- Estes, P. C. 844
- Estey, R. H. 4876
- Estrada, R. 2216
- Etges, F. J. 5772
- Ette, M. 2248
- Eubel, M. J. 4879
- Eulenberger, K. 4268
- Euzéby, J. 520, 1303,
1725, 1763, 1764, 2849,
3848, 4070, 6184
- Euzéby, J. A. 2231
- Euzet, L. 136, 137, 3515,
5154, 5485, 5972, 6159
- Evans, A. A. F. 308
- Evans, D. M. 6295
- Evans, H. J. 5773
- Evans, R. 5228
- Evans, W. S. 6366
- Evdokimova, E. B. 5632
- Eve, J. H. 5051
- Eveland, D. K. 533
- Eveland, L. K. 7, 1010,
2596, 4414
- Everard, C. O. R. 1156
- Everett, G. 3200, 3668,
3669, 3690, 6333
- Evolodov, B. P. 1234
- Évranova, V. G. 3047,
3302, 5573
- Ewert, A. 1848, 2959
- Eyakuze, V. M. 1240,
4814, 4815
- Eyraud, M. 6125
- Eysker, M. 1947, 2005,
3689

- Ezenwa, A. O. 644
 Fabian, G. 2303
 Fadl, A. A. 3765
 Fadzil, M. 965
 Fagasiński, A. 1701, 2142, 4373, 4374, 5966
 Fahmi, S. 4082
 Fahmy, A. 1453
 Fahmy, L. 1041
 Fahmy, M. A. M. 5668, 6175
 Fain, A. 4331, 6027
 Fainfel'd, I. A. 3728
 Fairbairn, D. 6292
 Fal, W. 5211
 Falcão, H. A. 3618
 Falconer, G. J. 1069
 Fan, P. C. 364, 2674, 6126, 6330, 6331, 6464
 Fang, W. S. 3072
 Fankhauser, R. 6076
 Farag, H. 5200
 Faraggi, G. 244, 245
 Farah, A. 3729
 Farahmandian, I. 508, 509, 865, 866, 887, 951, 1455
 Faramandian, M. 2811
 Faramazov, Z. A. 3253
 Fardin, A. 853
 Fardin, R. 4397
 Farell-Sala, A. 365
 Faria, L. L. de 1654
 Farid, A. 5762
 Farid, F. 3730
 Farid, M. A. 2003
 Farid Moayer, H. 952
 Farid, Z. 674, 2481, 2575, 3731, 4251, 6150, 6274
 Faries, F. C., Jr. 6061
 Farris, P. 4962
 Farrajota Ramos, S. 3631
 Farrell, D. J. 4737
 Farschidpour, D. 3887
 Farstad, L. 2232
 Farzad, A. 4397
 Fataliev, G. G. 44
 Fatma Abdeen 5986
 Fatoyinbo, A. 1456
 Fatzler, R. 6076
 Fau, L. F. 916
 Faubert, G. 3604, 4093
 Faubert, G. M. 221, 5201
 Faust, E. C. 2176
 Favati, V. 1844, 2465
 Favre, M. 4963
 Fawcett, I. W. 1287
 Fayez, M. 3126
 Fazen, Louis E. 5845
 Fazen, Lynn E. 5845
 Featherston, D. E. 2980
 Featherston, D. W. 5752
 Febles, F. 4313
 Fedder, M. L. 5083
 Feder, H. 4708, 5771
 Federene, M. 1030
 Federene, M. F. 3342
 Fedina, L. V. 56
 Fedorko, A. 1754, 1760, 5254, 5973
 Fedorov, K. P. 1079, 6077
 Fedorova, O. E. 684
 Fedorova, T. M. 3749
 Fedosova, E. E. 803
 Fedotova, M. N. 5846, 6367, 6393
 Fedushchak, N. Yu. 1053
 Fedyanina, L. V. 3967
 Feese, R. C. 6447
 Feichter, G. E. 521
 Feigenbaum, D. L. 5143
 Feizuliev, N. A. 5052
 Feizullaev, N. A. 804, 1184
 Feldman, A. 286
 Feller, U. 4562
 Fenerich, F. L. 3432
 Feodorova, É. Ya. 5114, 5623
 Ferando, R. 4436
 Feregrino, H. S. 5999
 Ferguson, D. L. 366, 1058
 Ferguson, F. F. 6442
 Ferguson, J. H. 2588
 Ferlazzo, B. 1269
 Fernandes, B. de F. 6146
 Fernandes, L. A. R. 3406
 Fernandes, M. da P. M. 761
 Fernández A., F. 3487
 Fernandez, B. 6000
 Fernandez Fau, L. 916
 Fernández, J. R. L. 5219, 6021
 Fernandez-Nogues, F. 3030
 Fernández, R., T. 1986
 Fernandez-Viladrich, P. 3030
 Fernando, C. H. 679, 1177
 Ferrar, P. 646
 Ferrari, R. A. 3729
 Ferreira, A. M. 1465
 Ferreira, A. W. 222
 Ferreira, J. M. 5660
 Ferreira, L. D. B. B. 4984, 5384
 Ferreira, N. R. 5388
 Ferretti, G. 6182, 6228, 6446
 Ferriere, G. 2893
 Ferrioli Filho, F. 557
 Fetisov, V. I. 3248, 6368
 Fidzianska-Dolot, A. 1913
 Figueiredo, E. A. 817
 Figueiredo, J. F. M. 4085
 Figueiredo, N. de 757
 Figueiroa Llera, R. 2050
 Figueroa, L. 605, 1033
 Figueroa M., H. 980
 Figueroa P., A. 3487
 Figueroa-Villalva, V. E. 3024
 Figurnov, V. A. 2854
 Fijan, N. 4525
 File, S. K. 6196
 Filenko, E. S. 2825
 Filimonova, L. V. 616, 1087
 Filipick, L. 1033
 Filippich, C. 4797
 Fillipov, L. P. 4887
 Filonchuk, A. G. 2095
 Finazzi, M. 5578
 Fincher, G. T. 2051
 Fine, J. 522, 2826
 Fine, P. E. 1790
 Fine, P. E. M. 3986
 Finney, J. R. 4537, 5642
 Firminger, H. 5385
 Fischerová, A. H. 5961
 Fischerová, H. 5962
 Fischthal, J. H. 1797, 2406, 4575
 Fisher, F. M., Jr. 4765
 Fisher, J. 302
 Fisher, R. M. 5538
 Fishman, M. 2214
 Fisiy, C. 3186
 Fisk, R. A. 4173
 Fisk, S. K. 2316
 Fite, G. L. 323
 Flanagan, M. 5935
 Flanagan, T. R. 1753
 Flasshoff, F. G. 6449
 Flatt, R. E. 255
 Flick, S. C. 3957
 Flisser, A. 4094
 Floch, H. A. 4816
 Flower, P. J. 346
 Floyd, R. D. 6306
 Fluks, A. J. 1798, 1813
 Fodge, D. W. 1362
 Fogh, L. 741
 Foil, L. 1080
 Foley, J. W. 844
 Folitarek, S. S. 130
 Folova, L. N. 5052
 Folz, S. D. 367, 6369
 Fonseca, P. S. P. 4428
 Font, W. F. 1185
 Fontan, R. 5531
 Fontanilles, F. 3732
 Fontecilla, J. A. 3008

- Food and Agriculture
Organization 128,
3343, 5339, 6497
- Foor, W. E. 468, 6197,
6471
- Forbes, I. J. 1237, 3049
- Forbes, L. S. 5577
- Ford, G. E. 1892
- Ford, G. W. 4652
- Fordham von Reyn, C.
4969
- Foreyt, K. 6053
- Foreyt, W. J. 4985, 4986,
6053, 6332
- Forman, W. B. 550
- Forray, A. 447
- Forrester, D. J. 68, 1726,
1904, 2320, 2443, 3981,
5808
- Forsdyke, D. 309
- Forsyth, B. A. 3716
- Fortuna, J. F. T. 8
- Fosella, P. V. 1304
- Fosse, E. Del 6099
- Fotedar, D. N. 191
- Fotov, K. E. 2827
- Fouad Abdelghani, A.
4585
- Fouad, K. 1041
- Fourati, M. 5532
- Fournier, A. 138
- Fox, J. A. 6295
- Fox, J. C. 2892, 6229,
6352
- Fraga de Azevedo, J. 120,
121, 272, 324, 325, 448,
454, 719
- Fraga Filho, C. 762
- Frahn, J. L. 5266
- Frak, W. 4375
- Framstad, K. 6239
- Francalanci, G. 6465
- Franco, A. 1611
- Frandsen, F. 4012, 4214,
5467
- Franchola, R. 605, 1033,
1097
- Frank, C. 6370
- Frank, G. H. 6296
- Frank, H. 5260
- Frank, W. 4520
- Franken, S. 1457
- Frayha, G. J. 3113
- Fréchette, J. L. 49, 5100
- Fredericksen, D. W. 4039
- Freeman, B. A. 299
- Freeman, R. S. 2628,
5123, 6000
- Freitas, J. R. de 5085
- Freitas, M. G. 5481
- Freitas, M. G. de 580
- Frentzel-Beyme, R. 1011
- Frentzel-Beyme, R. R.
3127
- Frerichs, W. M. 5847
- Frese, K. 5260
- Frey, H. 902, 3170, 5610
- Frey-Majewska, D. 3199
- Freyvogel, T. 6481
- Freze, V. I. 5681
- Frick, W. 3563
- Fridemanis, R. 1897
- Fried, B. 287, 2156, 2597,
4045, 4179, 4183, 6297,
6447
- Friedd, J. H. 2031
- Friedheim, E. A. H. 5386
- Frim, J. 3170
- Frindt, A. 2675
- Friot, D. 3295
- Fripp, P. J. 4745
- Fröes, O. M. 1986
- Frolcowa, A. J. 5967
- Frolova, A. A. 1513, 3356
- Frolova, E. N. 4049
- Froltsova, A. E. 5967
- Frommes, S. P. 2448
- Fromunda, V. 1668, 2755,
3947, 5387
- Frost, O. 523
- Fröta-Pessoa, O. 5388
- Froyd, G. 2205, 4143
- Fruit, J. 1228, 5914
- Frukhtman, E. A. 859
- Fry, G. F. 4415
- Fudalewicz-Niemczyk, W.
2676, 4270, 4374, 4375,
4834
- Fuglsang, H. 3186, 3891,
5359, 5746, 5822
- Fujii, I. 6275
- Fujimoto, D. 288, 4184
- Fujisawa, K. 1912
- Fujita, J. 5007
- Fujita, K. 727
- Fujita, N. 1771
- Fujita, T. 607
- Fukawa, M. 4690
- Fukazawa, K. 2108
- Fuki, A. D. 3332
- Fukumoto, Y. 3009
- Fukushima, T. 2459
- Fukutome, S. 966
- Fukuya, T. 3303
- Fuller, C. M. 896
- Fuller, W. J. 6062
- Fuloria, H. K. 524
- Fung, H. P. 934
- Funk, W. 849
- Furmaga, S. 223, 368,
1458, 3416, 4373, 4374,
5965
- Furowicz, A. 2008, 5970
- Furtado, J. I. 4622
- Furuki, S. 3303
- Furuta, M. 571
- Gaaboub, I. A. 2642
- Gaafar, S. M. 2865, 4156,
4563
- Gabitov, Z. N. 763, 888,
1305
- Gabriele, F. 6446
- Gabriel, C. 645, 2429,
5144
- Gabriel, J. 5144
- Gabrisch, K. 5627
- Gabryel, P. 2743, 3733,
4144, 4148
- Gabunova, L. G. 5443
- Gadirian, E. 2811
- Gadzhiev, G. 6422
- Gadzhiev, V. T. 3987,
4512
- Gadzhiev, Ya. G. 5795
- Gaenssler, J. G. 369
- Gaevskaya, A. V. 4890
- Gafurov, A. K. 1761,
2365, 2440, 4491
- Gagarin, V. G. 4233,
6371, 6448
- Gagné, H. T. 691
- Gaines, J. L., Jr. 2545
- Gaitonde, B. B. 1459
- Gajda, E. 3371
- Gajewski, J. 5969
- Galaktionov, K. V. 4339
- Galal, E. E. 6418
- Galat, V. F. 1102
- Galdames, M. 930, 1518,
3787
- Galieva, K. S. 91
- Galindo, R. 889
- Galkin, A. K. 3564, 4185
- Galkin, V. S. 5428
- Gállego-Berenguer, J. 365
- Galliard, H. 2233
- Gallie, G. J. 2525, 2526
- Gallo, C. 1113
- Gallo, M. G. 6373
- Gallouedec, C. 4698
- Gallofré, E. 890
- Galun, R. 5389
- Galuzo, I. G. 3504, 4234,
5494
- Gan, A. 552
- Gancarz, Z. 2786, 3060,
3091, 3363, 5911
- Gandhi, G. M. 5848
- Ganesakale, D. 3923
- Gangadhara Rao, Y. V. B.
165
- Ganguly, N. K. 5220
- Gangwal, K. C. 3904
- Gapon, N. M. 1762, 2007,
2072, 2084
- Garcia, E. G. 4639

- Garcia, L. S. 3856
 Garcia, R. 2653, 3423, 3776, 4275
 García, R. 6419
 García, Y. 2776
 Garibaldi, I. M. 5014
 Gariev, B. G. 5569
 Garkavi, B. 2677
 Garkavi, B. L. 50, 4987, 5053, 5261, 5390, 5391, 5474, 5597, 6078
 Gar'kavtsev, V. A. 5106
 Garkowski, B. 5965
 Garlick, N. L. 2052, 3240, 5849
 Garms, R. 1130, 2933
 Garner, A. 3041, 4705, 4706
 Garri, F. 4320
 Garris, G. I. 3479
 Gasc, C. 645
 Gaskin, D. E. 1206, 3846
 Gasko, O. 1221, 3020, 3549
 Gassmann, M. 5669
 Gastão da Cunha, P. 358
 Gaston, G. 2935
 Gateva, Š. 6298
 Gattlewar, W. N. 855
 Gattaponi, P. 1734
 Gatti, F. 901
 Gaur, S. N. S. 2598, 6230
 Gautam, O. P. 2656
 Gautier, A. 2787
 Gavrilov, A. A. 1065, 1066, 1515, 5876
 Gavrilova, N. G. 3455
 Gavutis, G., Jr. 58
 Gawish, N. 3619
 Gawsih, N. 6372
 Gayraud, J. P. 4709
 Gazzi, E. 1682
 Gazzinelli, G. 291, 301, 817, 3583
 Gdzeldze, Ts. V. 1920
 Gebhardt, B. M. 1342
 Gedevanishvili, T. N. 1012
 Geshidze, Ts. G. 2126
 Geigy, R. 6481
 Geiman, Q. M. 4271
 Gekhtin, V. I. 3930, 5977
 Geldorp, P. J. A. van 6348
 Gel'fer, M. M. 3582
 Gell, P. G. H. 3857
 Geller, E. R. 5967
 Geller, I. Yu. 1460
 Gemmell, M. A. 224, 1461, 1462, 2053, 2054, 2678, 3784
 Genchev, M. 4029
 Genchi, C. 1407, 1849
 Gendron, Y. 525
 Geng, S. 6369
 Genoff, G. 3888
 Genov, G. 3888
 Genov, T. 4595
 Gentelet, B. 2255
 Gentilini, M. 1294, 1463, 2822, 4710, 4946
 Gentle, M. 5819
 Georgadze, D. I. 3506
 George, E. L. 5084
 Georgi, J. R. 1067, 1834, 3241, 4464, 4916, 5689, 5801
 Georgiev, B. 4704, 4891, 5872, 5874
 Georgiev, B. K. 4891
 Georgiev, M. 796, 900
 Georgiev, Z. 4029
 Georgieva, D. 1235, 1306, 5796
 Georgieva, M. 3889
 Georgiewa, M. 3889
 Geraci, J. R. 5617
 Gerasev, P. I. 3831
 Gerasimova, G. N. 45
 Gerber, H. M. 4988
 Gerbil'skii, V. L. 3512
 Gerding, T. A. 6266
 Gerhardt, R. 4634
 Gerken, S. E. 291, 5085
 Gerlach, R. 370
 Germany, Akademie der Wissenschaften der DDR. 4365, 5506, 5954
 Gerwel, C. 3169, 3243, 3326, 4148
 Gerwel, Cz. 2055
 Getler, K. 1464
 Gettinby, G. 841
 Geus, A. de 2199
 Gevondyan, V. S. 256, 257, 764
 Gevrey, J. 1358
 Gevrey, T. 1358
 Geyer, E. 5045
 Ghadirian, E. 502, 505, 508, 526, 842, 851, 2437, 4388
 Ghandour, A. M. 2599, 2600, 4272, 4492
 Ghani, J. A. 3377
 Ghareeb, A. 5986
 Ghareeb, A. M. 1307
 Ghariani, M. 5532
 Ghatak, S. 4740
 Gheith, H. 2481
 Gherman, I. 5963, 5964
 Ghilardi, G. 4459
 Ghose, R. K. 5019
 Ghosh, H. K. 552
 Ghosh, R. K. 204, 5063
 Ghosh, S. K. 3890
 Ghosh, S. P. 192
 Gibbons, L. M. 2290, 4065, 6037
 Gibbs, H. C. 843, 2298, 3931
 Gibley, W. B. 4276
 Gibson, D. I. 705, 2407, 5670
 Gibson, D. W. 3891
 Gibson, N. 3892
 Gibson, T. E. 1779, 2056, 3200, 3668, 3669, 3690, 6333
 Gibson, W. J. 3892
 Gichenok, L. A. 139
 Giese, W. 5258
 Gigitashvili, M. S. 1012, 1492, 1550, 1850, 1905, 3893, 4416, 5202
 Gilauri, N. G. 2126
 Gilbert, B. 1465, 2060
 Gilbert, F. R. 6425
 Gilbert, G. A. 1466
 Gilbert, J. J. 6447
 Gil'denblatt, A. A. 3069
 Giles, N. 6425
 Gill, B. S. 3413
 Gill, H. S. 129
 Gilles, H. M. 4788, 6490
 Gillett, J. D. 326, 891
 Gil'man, V. A. 1168
 Gilmartin, W. G. 274
 Ginckel, R. F. van 5705
 Gindre, R. 5000
 Gineev, A. M. 50, 5597
 Ginetsinskaya, T. A. 2601, 3650, 4185
 Ginovker, I. A. 225
 Giordano, C. 2828, 2829
 Giordano, F. 1843
 Gioscia, R. M. 6297
 Girard, P. L. 2822
 Girardi, C. 3734, 6373
 Giris, M. 3126
 Giribola, L. 527
 Girt, M. V. 6318
 Gitlin, D. 3040, 5703
 Gizinska, B. 1739
 Gjellstad, R. T. 3642
 Gladenko, I. N. 2057, 2679
 Gladkikh, V. F. 2058, 3735, 5363
 Gladunko, I. I. 1380, 3503, 5951
 Gładysz-Pawlak, K. 3106
 Glaneko, V. I. 1691
 Glatthard, V. 4733
 Glavatskaya, O. T. 3260

- Główniak, C. 1621
 Glumov, V. Ya. 5747
 Głuszczyk, A. 3146
 Gluzman, I. Ya. 1381,
 1493, 2094, 2095, 3565,
 3587
 Gned'ko, M. E. 1500
 Goasguen, J. 2255, 4109
 Godau, I. 482
 Goderdzishvili, G. I. 2059
 Godfrain, J. C. 920
 Godlewicz, A. 5962
 Godoy, P. 1491
 Goetzl, E. J. 1272
 Gogoi, A. R. 2904, 4004
 Goh, S. L. 5212, 5290
 Goil, M. M. 289
 Goirdano, C. 3364
 Gold, D. 2972
 Goldman, S. M. 4956
 Goldsmid, J. M. 2680,
 4332, 6001
 Goldstein, P. 3820
 Golebiowska, J. 1362
 Goloshin, R. 4309
 Gološin, R. 4309
 Golovamov, V. I. 579
 Golovan', T. V. 6231
 Golovanov, V. I. 5797,
 5850
 Golovina, N. A. 6276
 Golovko, G. I. 2915
 Golt'sgaker, L. A. 3015
 Golubev, N. F. 371
 Golubkov, V. F. 1432
 Golubova, V. V. 553
 Golvan, Y. J. 2934, 4422,
 6002
 Golway, P. 3953
 Gómez-Priego, A. 3024
 Gómez, V. 22, 1236, 2476
 Gomma, A. 750
 Gonçalves, A. 527
 Gonçalves, C. S. 3711
 Goncharova, L. A. 1328
 Gonciarz, E. 1616
 Gonon, G. 5529
 Gonzaga Dos Santos, L.
 5203
 González, A. J. 6021
 González, B. 3878
 González de la Torre, P.
 4501
 González, E. 617, 1097
 Gonzalez Fouquet, H.
 4711
 González, J. 22, 1236,
 2476
 Gonzalez, J. P. 2895, 5020
 González Licea, A. 3894
 González, O. 1275
 Gooch, P. S. 2383
 Goodman, J. D. 5479,
 6171
 Goodman, M. L. 1626
 Goose, J. 2681, 2682
 Gopakumar, C. G. 3769
 Gopalswamy, C. 3528
 Gorbacheva, V. A. 5393
 Gordadze, G. N. 1467,
 2091, 4427, 6394
 Gordon, H. McL. 372,
 2788, 5851
 Gordon, R. B. 5069
 Gordon, W. 1031
 Gore, R. W. 4095, 5242
 Górecka, T. 5226
 Gorepekin, V. F. 6420
 Gorgy, A. N. 3152
 Gorham, J. R. 2293, 5232
 Gorman, T. 6085
 Gorny, M. 3059
 Górny, M. K. 3053
 Gorodovich, N. M. 373,
 446, 3417, 4460, 5797
 Gorokhov, V. V. 374,
 1468, 3736, 6374, 6375
 Goropekin, V. F. 5871
 Gorshkova, G. I. 378,
 3048, 3271, 5395, 5423,
 5445
 Górška, A. 2234
 Gosch, A. 849
 Gosset, F. 4413
 Gössler, R. 1717
 Goto, Y. 5252
 Gotovtseva, M. Z. 3660
 Götzelmann, M. 2593
 Gougerot, M. A. 4640
 Goulart, E. G. 375, 2060
 Gould, D. B. 3618
 Govorova, S. V. 5291
 Grabda, E. 2683
 Grabda, J. 630, 2683
 Grabda-Kazubska, B.
 5125
 Graber, M. 1408, 1473,
 1725, 1763, 1764, 2789,
 2790, 2868, 4070, 5164,
 6038, 6184
 Grabiec, S. 3306, 6277
 Grácio, M. A. 121, 454
 Grados, O. 4580
 Gräfner, G. 1591
 Graham, J. 3737
 Graham, J. M. 51
 Graham, R. C., Jr. 1252
 Grainger, J. N. R. 841
 Grant, W. C. 5486
 Grassi, L. 2128
 Grassler, R. 2699
 Grasso, M. 1799
 Gratz, N. G. 3737
 Graubman, H. D. 1591
 Gravinskaya, A. A. 441
 Gray, D. R. 585
 Gray, J. S. 2477
 Gray, L. 739
 Grayson, D. P. 4191
 Grdzlishvili, N. M. 1469,
 1550, 2126
 Greatorex, J. C. 765
 Green, A. G. 4996
 Green, C. D. 2140, 2742
 Green, J. R. 4326
 Green, P. E. 5026
 Green, S. 5392
 Greenberg, S. D. 2216
 Greene, C. E. 3222
 Greene, N. D. 5197, 5257,
 6237
 Greenwood, R. 2214
 Greer, K. R. 2892
 Greichus, A. 290
 Greichus, Y. A. 290
 Greitas, M. G. 2866
 Grelck, H. 6449
 Grell, G. A. C. 3365
 Gress, F. 4186
 Grétilat, S. 112, 2935
 Greve, J. H. 4513, 4675
 Greze, V. N. 5507
 Gribova, V. I. 3510
 Grieco, M. H. 5748
 Griffiths, E. T. L. 4724,
 4798
 Grigo, K. L. 4045, 4183
 Grigor'ev, I. Kh. 5852
 Grigor'ev, N. I. 5573
 Grigor'eva, I. N. 5178
 Grigорова, D. 6298
 Grimaldi de Zio, S. 1208
 Grimaud, J. A. 4145
 Grimes, L. R. 2343, 6105
 Grinberg, A. I. 892
 Grinenko, I. V. 6398
 Grinenko, N. V. 4817,
 5393, 5867, 6399
 Grishina, L. N. 3830
 Grisi, L. 67, 1042, 1212
 Gritsaï, M. K. 850, 3693
 Grivetti, L. E. 9
 Grobov, O. F. 5115
 Grønstøl, H. 6039
 Groenthuis, J. G. 128
 Groschaft, J. 1777, 2373
 Gross, D. R. 3955
 Grosse, J. 3592
 Grove, D. I. 1237, 3049,
 4417, 4947
 Gruber, F. 4366
 Grulich, I. 5040
 Grünberg, W. 5610
 Grundmann, A. W. 4062,
 5324

- Grüner, D. 401, 1485,
5411, 5862
Grunewald, J. 453
Grunsell, C. S. G. 2177
Grüntzig, J. 5542
Grudite, S. 1013
Grudyte, S. 1013
Grzegorzak, A. 1470
Grzywacz, M. 5969
Grzywiński, L. 376, 1470,
1471, 2061, 2062, 2572,
4374, 4818, 5853, 5971
Guachalla, J. 3111
Guaimaraes, J. A. 6342
Gubařdulín, N. A. 4030,
4052
Gubanov, N. M. 4522
Gubaydulín, N. A. 5147
Gubler, D. J. 3884
Gubskii, V. S. 664, 1186
Gucwińska, H. 4948
Gucwiński, A. 4948
Gudanavichus, I. 1542
Gudimenko, I. I. 320,
4819, 5390, 5394
Gudiol, F. 3030
Guegan, J. 276
Guercio, V. 1113
Guerra, F. S. 4911
Guerra, H. 4830
Guerrero, C. 1472
Guerrero, C. A. 597, 4712
Guerrero, J. 4100
Guevara-Benitez, D. 1188
Guevara Pozo, D. 4354
Gugliemino, R. 1695
Gugunishvili, N. S. 2063
Gugutsidze, A. G. 1014,
1906
Guidicelli, H. 1611
Guilal, J. A. 5618
Guilhon, J. 1473, 1474,
2064, 2165, 2287, 3327,
4273, 5970
Guillén de Tantaléan, Z.
5081
Guimarães, M. P. 67, 580,
2866
Guimarães, R. X. 3287
Guisantes, J. A. 226,
3050, 3051, 3581
Gulati, R. L. 2656
Gulden, W. J. I. van der
4746, 4747
Gumen'shchikova, V. P.
3052
Gumenyuk, T. G. 1548
Gundelfinger, B. F. 2280
Gundlach, J. L. 223, 368,
1458, 4373, 4374, 5965
Gundrizev, A. N. 3456
Gunn, A. 5809
Gupta, A. N. 805, 1359
Gupta, D. K. 4957
Gupta, I. 2090
Gupta, N. K. 140, 1800,
2397, 2408, 3532, 4035,
5070, 5165, 5166, 5672
Gupta, P. P. 2869, 4146
Gupta, R. 6018
Gupta, R. K. 3904
Gupta, R. P. 843, 5415
Gupta, S. 5145, 5146
Gupta, S. K. 5292, 5293,
5308
Gupta, S. P. 193, 1966,
4063, 4203, 4608, 5311,
5312, 5313, 5314
Gupta, V. 194
Gupta, V. S. 1528
Gupte, S. 3366
Güralp, N. 377, 4989
Guraya, S. S. 805, 4760
Gusarov, G. I. 5395
Gusarov, G. N. 378, 2366,
5071, 5086, 5381, 5423
Gusarov, G. P. 2936
Gusel'nikova, L. M. 379
Gusev, A. V. 1114, 3993
Guseva, M. I. 35
Gushcha, G. I. 6483
Guss, S. B. 3244
Gussev, A. V. 5661
Gussev, V. A. 3993
Gustowska, L. 2743, 3053,
3133, 3733, 4144, 4148
Guthrie, T. H. 1624
Gutierrez, V. C. 31
Gutteková, A. 1578
Guttowa, A. 2684, 3226,
4820, 5543, 5962
Guzenok, M. A. 4461
Gvozdev, E. V. 1740
Gvozdev, M. A. 4576
Gyimesi, V. 2206
Gyoten, J. 967
Gysin, J. 3620
Ha, J. H. 2715, 2716,
6019
Haas, J. 5368
Haas, W. 5325
Habe, S. 1292, 5013, 5021
Habeeb, M. 1453
Habib, M. 750
Hacig, A. 4923, 5963
Hackett, A. J. 6268
Haddam, B. 3895
Haddam, T. 3895
Hadtochii, E. V. 195
Haerdi, F. 4821
Hafez, S. 3724, 3783
Hagedorn, K. 2886
Hagroo, A. A. 4953
Hahn, C. 5532
Hahn, J. K. 2390
Haight, M. 3170, 4875
Hair, J. D. 3187
Hairston, N. G. 1475
Hajdu, P. 2047
Hajdukiewicz, G. 5464
Hajela, S. K. 4848
Hale, O. M. 2881, 3138
Hall, A. P. 5810
Hall, D. W. 5187
Hall, G. A. 380, 3509,
6152
Hall, J. E. 107, 154, 2578
Halpin, B. 3858
Halton, D. W. 676, 813,
1181, 2767, 2768, 4348,
5118
Halvorsen, O. 624, 4774,
4917
Hamami, A. A. 381
Hamilton, D. 1993
Hamilton, J. G. 4398
Hamilton, L. D. 3571,
4103
Hamilton, P. J. S. 6013
Hamilton, S. M. 4326
Hamladji 3895
Hamlyn, A. N. 6376
Hamon, J. 4822
Hamza, S. M. 5755
Han, E. J. 2693
Han, J. K. 2453
Han, S. H. 6010
Handa, A. K. 5281
Haneishi, T. 3245
Hanek, G. 679, 1177
Hang, L. M. 1938
Hanna, R. E. B. 1948,
4748, 4749, 5294, 5295
Hansen, E. L. 1949, 4892
Hansen, I. M. 6232
Hansen, M. F. 6437
Hansky, J. 5250
Hansman, D. J. 2235
Hara, H. 2108
Hara, M. 2108, 2568
Harada, T. 816
Harasaki, H. 4690
Hardcastle, A. 2768, 4348
Hare, G. M. 3994
Haremski, T. 4373
Harinasuta, C. 2004, 4446,
5182
Hariri, M. 806
Harith, A. E. 1907
Harjit Kaur 2821
Harkema, R. 5486
Harley, J. P. 1669, 3991,
6106, 6198
Harlou, B. 2546
Harmeyer, J. 5258

- Harness, E. 2455, 2478,
 2486, 4096, 4098
 Harnsomburana, K. 1022
 Haroun, E. M. 2547, 4147
 Harp, G. L. 5487
 Harpur, R. P. 2441, 2602
 Harris, B. G. 802, 1362
 Harris, E. A. 2992
 Harris, J. E. 2479
 Harris, K. R. 1238, 3651,
 5122, 5204
 Harris, L. S. 6003
 Harris, R. E. 5340
 Harris, W. G. 275, 4641
 Harrison, B. D. W. 1287
 Harrison, J. 1239
 Harrison, L. J. S. 2480
 Hart, J. C. D. 548
 Hart, R. J. 2516
 Hartley, J. P. R. 1015
 Hartman, P. E. 5396
 Hartwich, G. 4064
 Hashiguchi, Y. 528, 532,
 5397
 Hass, D. K. 1476, 2065,
 3772,
 3956, 3957
 Hassan, A. 3731, 6150,
 6274
 Hassan, R. B. A. 4549
 Hasslinger, M. A. 4274
 Hatala, O. 1617
 Hatano, K. 2175
 Hatch, C. 2288, 6334
 Hatfield, A. 4326
 Hati, A. K. 6
 Hatsushika, R. 652, 1072,
 1980, 3896
 Hatta, T. 4992
 Haupt, W. 2894, 4493,
 4949
 Hauser, K. W. 987
 Hausfater, G. 6299
 Hawes, M. E. 5257
 Hawking, F. 472, 503,
 1393, 6321
 Hawkins, R. A. 5764
 Hayama, T. 4155
 Hayasaka, H. 717, 744
 Hayasaki, M. 594
 Hayashi, T. 1291, 1292,
 5012, 5253
 Hayden, B. 2624
 Hayden, D. W. 2548
 Hayes, T. J. 728
 Hazarika, R. N. 4004,
 6364
 Hazeghi, K. 729
 Hazra, D. K. 1650
 He Lianyin 2360
 Heath, D. D. 382, 459,
 4097, 4642
 Hebrard, G. 4439
 Heck, O. B. 3974
 Heckmann, R. A. 6407
 Hedlund, K. 3088
 Heeschen, W. 5449
 Hegde, K. S. 612, 1769,
 1959, 4213, 4236, 6451
 Hegerová, E. 3793
 Heigl, L. 2863
 Heinz, M. L. 164
 Helal, T. Y. 6074
 Helan, L. 1617
 Helden, H. P. T. van
 1240, 4643
 Helfer, D. H. 6089
 Helle, O. 752
 Hellström, L. 4781
 Helmy, M. M. 383
 Henderson, J. A. 4360
 Henderson, M. 5398
 Hendricks, L. D. 4579
 Hendrikx, W. M. L. 2005,
 3689
 Hendrikz, E. 248
 Henriksen, S. A. 2643,
 3054, 3055, 3919, 4990,
 5046, 5574
 Henriquez, J. 2857
 Hensley, G. H. 2344
 Henson, L. A. 4078
 Henson, R. N. 4523, 4538
 Hepler, D. I. 5205, 6233
 Herbert, I. 4472
 Herbert, I. V. 3056, 3566,
 5234
 Herceg, M. 3932, 4479
 Herd, R. P. 227, 3201,
 5706
 Herlich, H. 2066, 4644
 Herman, C. M. 5620
 Herman, R. K. 6472
 Herman, W. 2384, 3691
 Hermo, J. F. 2823
 Hermoso, R. 298
 Hernández, J. 4712
 Hernández Miñoso, M.
 4501
 Hernández-Mora, M. 1028
 Hernández, N. P. 2213
 Herrera, A. 1664
 Herrera, D. 3738, 3785,
 3821, 4275
 Herrera R., D. 3776, 4298
 Herrick, J. B. 6377
 Herzog, H. 5411
 Hess, M. W. 1245
 Hess, U. 1219
 Hesse, H. 1591
 Hesselberg, C. A. 2483,
 2624
 Hetrick, F. M. 5399
 Heuer, D. E. 1669
 Heyneman, D. 117, 153,
 1384, 3070, 3071, 5218,
 6244, 6245, 6246
 Hiatt, R. A. 4950
 Hicklin, M. D. 4656
 Hickman, G. R. 604
 Hidaka, T. 947
 Hieb, E. F. 2130
 Hieb, W. F. 451, 6305
 Hiepe, T. 2879, 4451,
 4918
 Higashi, G. I. 674, 2481,
 4624, 6274
 Highton, R. B. 1622, 1623
 Hightower, K. 1950
 Hijmans, W. 1602
 Hill, B. L. 5614
 Hill, C. H. 4078
 Hill, F. W. G. 2177
 Hillman, G. R. 2685, 4276
 Hills, J. 6063
 Hillyer, G. V. 1241, 5206,
 6234
 Himmelhoch, S. 1361,
 4207
 Hinaidy, H. K. 6064
 Hindsbo, O. 2483, 4623,
 4645
 Hine, P. M. 1477, 4210
 Hinrichs, W. L. 5027
 Hira, P. R. 529, 2236,
 2237, 3367
 Hirabayashi, S. 5633
 Hirai, H. 5397
 Hiramatsu, K. 6285
 Hiraoka, H. 528, 5397
 Hiraoka, M. 816
 Hirasawa, K. 5576
 Hirata, M. 4646
 Hiregoudar, L. S. 1702,
 3433, 6040
 Hirosawa, K. 949
 Hirschmann, H. 6199
 Hirsh, D. 4755, 4902,
 4903, 4905
 Hiruma, M. 595
 Hisatsugu, T. 4690
 Histor, P. 904
 Hivet, M. 2238
 Hnath, J. G. 4277
 Ho, B. C. 1081, 1883,
 3969, 4219
 Ho, L. Y. 1796, 5665
 Ho, T. M. 934
 Ho, Y. C. 1416
 Ho, Y. H. 4750
 Hoang-Thuc-Thuy 1026
 Hobson, H. P. 3955
 Hochberg, F. G., Jr. 5091
 Hockley, D. J. 1801
 Hockmeyer, W. T. 2747,
 3128

- Hodasi, J. K. M. 4005
 Hoebeke, J. 5705
 Hoehn, R. C. 3760
 Hoepp, A. 3962
 Hoeprich, P. D. 896
 Hofert, J. F. 6307
 Hoffard, W. H. 5643
 Höffgen, K. U. 3897
 Hoffman, G. I. 5774
 Hoffman, G. L. 766, 2549
 Hoffman, S. F. 1624
 Hoffmann, H. 2300
 Hogarth-Scott, R. S. 899
 Högel, E. 3739
 Högger, C. H. 4876
 Hoghooghi, N. 504, 505, 729
 Holbrook, A. A. 5847
 Holcman-Spector, B. 5129, 5130
 Holden, H. E. 5430
 Holl, P. 2672
 Holler, A. 3898
 Holler, C. 1486, 1851, 3898
 Holliman, R. B. 909, 3760
 Holm, D. M. 3827
 Holmes, J. C. 3187, 4516
 Holmes, P. H. 4713
 Holmes, R. G. 6425
 Holmstedt, B. 5400
 Hölscher, J. F. M. 4321
 Holt, P. E. 1613, 5022
 Homandberg, G. A. 5775
 Hon, L. T. 1726
 Honda, H. 555
 Honda, T. 14
 Hong, C. 4349, 6339
 Honiball, P. J. 1498
 Honjo, S. 14
 Honoré, L. H. 2239
 Hooper, R. S. 530
 Hoopes, K. H. 6352
 Hoosier, G. L. van, Jr. 5041
 Hope-Cawdery, M. J. 841
 Hopkins, T. J. 5593
 Horak, I. G. 5401, 5444
 Hörchner, F. 1480, 6449
 Horie, M. 263, 733
 Horiuchi, K. 4420
 Horiuchi, Y. 5710
 Hornabrook, R. W. 1625
 Horner, M. 2300
 Hörning, B. 3328, 6076, 6487
 Horzelski, J. 5962
 Hosaka, Y. 228, 390, 3057, 4661
 Hoshino, M. 386
 Hoshino, S. 3795
 Hoshino-Shimizu, S. 5207, 5733
 Hosier, D. W. 1242
 Hoskin, G. P. 1951, 4714
 Hosny, Z. 1043
 Hosoda, S. 947
 Hotson, I. K. 6378
 Houbau, V. 718, 4647
 Houin, R. 5544
 Houser, H. B. 5281
 Houston, D. C. 4514
 Houston, W. 1016
 Hovorka, J. 1478, 2686, 2805, 5378
 Howard, R. J. 2484, 5707
 Howells, R. E. 291, 301, 817
 Howie, J. 5545
 Howkins, A. B. 6379
 Hrdinová, A. 3298
 Hristovski, N. 80
 Hristovski, N. D. 1106
 Hrzénjak, T. 2595, 4751, 5296
 Hsiao, C. K. 592
 Hsieh, H. C. 3714
 Hsü, C. P. 1796, 5665
 Hsü, H. F. 229, 2485, 4648
 Hsu, H. K. 3714
 Hsu, J. Y. 2837
 Hsu, S. T. 6331
 Hsü, S. Y. L. 229, 4648
 Hsü, S. Y. Li 2485
 Hsu Shih-Ê 2603
 Hsu, Y. P. 6331
 Hsüeh, H. C. 4771
 Huang, K. J. 6153
 Huang, R. J. 3072, 3880
 Huang, T. C. 5128
 Huang, W. S. 2120
 Hubbard, W. J. 5257
 Hubbert, W. T. 844, 4919
 Huber, F. 1795
 Huber, I. 3932
 Huber, J. 3823, 4479
 Hübner, D. 2067
 Hübner, J. 2960
 Hucal, G. 3963
 Huchon, G. 1607
 Hudojo 4412
 Hudson, B. G. 3175
 Hudson, K. E. 113
 Huff, R. L. 5318
 Huffaker, C. B. 3246
 Huffman, D. G. 2988
 Huggins, D. 10, 384, 385, 1017, 6380
 Hughes, D. L. 2455, 2478, 2486, 3509, 4096, 4098
 Hughes, R. D. 646
 Huismans, H. 3899
 Huiza F., A. 1984
 Huiza, F. A. 2381
 Huizinga, H. W. 4215, 6065
 Hulbert, P. B. 5396
 Huldtt, G. 1852, 5208
 Hulínská, D. 2981, 5147
 Humiczewska, M. 807, 1952, 3652, 4187, 4188, 4189, 4190
 Humiński, S. 1835
 Hummer, R. L. 4782
 Humphries, J. P. 3955
 Hungerer, K. D. 220
 Hunter, D. M. 6127
 Hunter, J. O. C. 4995
 Huntley, C. C. 2516, 5708
 Hurpin, B. 647
 Husain, I. 893
 Hussain, Q. Z. 5375
 Hussain, R. 3567
 Hussein, H. S. 1979
 Hussein, M. F. 2547, 4147
 Hutchison, W. F. 4191
 Huxtable, C. R. 5709
 Hwang, J. T. 2358, 6104
 Hybášek, J. 3298
 Hyneck, M. L. 5430
 Hyslop, N. E., Jr. 2507
 Hyslop, N. St. G. 4649
 Hyun, I. 2716, 2717, 3256, 6019, 6343, 6415
 Iancu, L. 5963
 Ibragimov, E. I. 4278, 4792
 Ibragimov, S. 6158
 Ibrahim, A. M. 1308
 Ibrahimov, A. I. 4278
 Ibrović, M. 404
 Ibu, J. O. 1287
 Ichihara, A. 92
 Ide, G. A. 23
 Ielo, E. 6446
 Igali, S. 5826
 Ikeda, S. 600, 693, 2108, 3529, 4690
 Ikeda, T. 535
 Ikeme, M. M. 6335
 Iliev, A. 3218, 4981
 Il'inskaya, R. D. 5261
 Iliut, I. 5968
 Illanas, M. 1028
 Il'yanok, V. I. 2068
 Ilyushina, T. L. 648, 3740
 Im, K. I. 2240, 3290, 6009
 Imada, R. 5633
 Imai, J. 5644
 Imevbore, A. M. A. 3202
 Imielińska, H. 2241
 Imms, F. J. 6268
 Inaba, T. 2120
 Inamura, E. 2120

- Inatomi, S. 692, 693, 3529
 Ince, A. J. 4192
 Inderbiew, M. T. 5854
 Indian Science Congress Association 997
 Indrangarm, S. 5099
 Indrieri, R. J. 1532
 Inês Nahás Cortês, M. 6327
 Ingrao, F. 1843
 Injac, M. 5097
 Insler, G. D. 5749
 Institut Pasteur de Tunis 3352
 Institut Zoologii Akademii Nauk Ukrainsoi SSR. 993
 International Atomic Energy Agency 3343, 5508
 International Equine Veterinary Conference 4367
 International Pig Veterinary Society 4920
 Inui, T. S. 3884
 Inzunza, E. 930, 1518
 Ionov, M. P. 3249
 Ioppolo, S. 1843
 Iosipenko, I. P. 1525
 Ipat'eva, G. V. 460, 4006, 4539
 Ippen, R. 2887, 4948
 Ireland, Minister for Agriculture and Fisheries 500
 Irgashev, I. Kh. 1981, 5054, 5055, 5056, 5057, 5058, 5262, 5263, 5326, 5402, 5622
 Irisarri, E. 3948
 Isaak, D. D. 4650
 Isaeva, Kh. B. 4279, 4741
 Isakov, L. S. 85
 Isankulov, Yu. 870
 Isendahl, B. 3920
 Isenstein, R. S. 3058
 Ishak, M. M. 1309, 3762
 Ishida, K. 894, 5735
 Ishigaoka, S. 5735
 Ishigenov, A. V. 3672
 Ishigooka, K. 562
 Ishigooka, S. 709
 Ishihara, K. 386
 Ishihara, T. 1670
 Ishii, Y. 158
 Ishimoto, T. 5575
 Ishitani, R. 6259
 Ishizaka, K. 2487, 5209
 Ishizaka, T. 2487, 5209
 Ishizaki, T. 4661
 Ishizuka, M. M. 755
 Iskov, M. P. 93, 631, 3457, 3995, 6483
 Iskova, N. I. 69, 618, 3446
 Islam, B. 3377
 Islam, K. S. 1671
 Islam, N. 16, 2242, 3377
 Islamov, T. Kh. 933
 Islip, P. J. 3741, 3742
 Ismagilova, R. G. 1268, 1310, 1311, 1312, 1332, 1348, 3237
 Ismail, H. M. 6268
 Isoda, M. 5280
 Israsena, S. 2856
 Isseroff, H. 957, 4193, 4194
 Isserstedt, K. 3688, 5965
 Itagaki, H. 79, 98, 628, 1213, 5297
 Itano, K. 692, 693
 Ito, A. 230, 2488
 Ito, H. 572
 Ito, J. 2937
 Ito, K. 4661, 5710
 Ito, S. 389, 1953, 2069, 4992, 5576
 Ito, Y. 745
 Itoh, T. 5817
 Iturbe, D. 3774
 Ivanchik, G. S. 3480
 Ivanoff, I. 3888
 Ivanov, I. 3888
 Ivanov, S. A. 11
 Ivanov, V. 3400
 Ivanova, L. I. 11
 Ivanova, N. 3888
 Ivanova, N. S. 4722
 Ivanova, S. G. 2371
 Ivantsiv, V. V. 1133, 3670
 Ivascu, V. 2302
 Ivashchenko, L. A. 4613
 Ivashkin, V. M. 258, 461
 Ivasik, V. M. 3469, 3748
 Ivchenko, N. S. 1157
 Ivershina, E. M. 5732
 Ivey, M. H. 214
 Ivriani, I. 1658
 Iwamoto, Y. 5297
 Iwanaga, Y. 1771
 Iwańczuk, I. 5964
 Iwanowa, N. 3888
 Iwata, S. 696, 6218
 Iyer, P. P. K. 2687
 Iyer, R. N. 2109
 Iygis, V. A. 196
 Izyumova, N. A. 1114, 2916, 3993
 Jabbir, M. H. 1479
 Jabłonowska, C. 5961
 Jabłonowski, Z. 4375, 5971
 Jachowski, L. A., Jr. 2137
 Jack, M. K. 537
 Jackson, D. M. 2602
 Jackson, G. 6425
 Jackson, G. J. 3900, 4951, 6054, 6265, 6266
 Jackson, P. B. N. 1741
 Jackson, R. F. 1342, 2888, 5027
 Jackson, T. F. H. G. 5210
 Jackson, W. F. 5023
 Jacobs, D. E. 4484
 Jacobs, L. 1588
 Jacobson, H. A. 2316
 Jacobson, R. H. 1243, 1853, 4650
 Jacoby, G. A., Jr. 1626, 1627
 Jacquemin, J. L. 2644
 Jacquet, J. 4032
 Jacuński, L. 1820
 Jaffe, J. J. 3743
 Jaffe, J. R. 2229
 Jahn, T. L. 1588
 Jain, M. 3532
 Jain, S. P. 5475
 Jainudeen, M. R. 1718
 Jaiswal, M. S. D. 524
 Jakhmola, S. S. 6128
 Jalak, M. T. 6021
 Jalali, H. 865, 887, 1455
 Jalanka, H. 3744
 Jalayer, T. 504, 729, 845, 952
 Jalkanen, L. 6028
 James, B. L. 2610
 James, C. 2313, 3568
 James, E. R. 1854, 2550, 2744, 3569, 3570, 3605, 4122
 James, H. A. 6101
 Jamnback, H. 3490
 Januar, M. P. 3571, 4103
 Janečka, V. 3368
 Janisch, M. 387, 2735
 Janiszewska, J. 2159
 Jansen, J. 2005, 3689, 4407, 4555
 Janssen, P. A. J. 895
 Janssens, P. G. 4355
 Januszkiewicz, J. 1908, 2551, 3147, 5406
 Japanese Society of Parasitology 998, 999
 Japp, H. H. 4428
 Jara, Z. 5972
 Jarczewska, K. 3059
 Jardel, J. P. 3384
 Jardin, A. 2538
 Jarecka, L. 462
 Jarnicka-Stanios, H. 2070, 5964

- Jaroń, W. 5973
 Jaroonvesama, N. 4432
 Jaskoski, B. J. 5967, 5973
 Jastrzebski, T. 357
 Javadian, E. 5264
 Jaw, C. Y. 6300
 Jaworek, B. 1708
 Jean, E. 6004
 Jędreas, A. 4651, 5476
 Jędryka, J. 2071
 Jędrzejewska, B. 3060
 Jeffrey, H. C. 4368
 Jehan, M. 193
 Jelinic, B. 4743
 Jernes, J. E. 4012
 Jemelka, E. D. 6029
 Jenkins, D. C. 2489, 4117
 Jenkins, S. N. 3235
 Jenkins, T. 2769
 Jennings, F. W. 867, 6043
 Jennings, J. B. 3319
 Jensen, L. A. 342
 Jensen, R. 767, 2289
 Jeong, K. H. 6244
 Jervis, H. R. 2747
 Jeska, E. L. 1885, 4675, 5741
 Jeyarasasingam, U. 153
 Języna, C. 3027
 Jimakorn, P. 2856
 Jiménez, M. 930, 1518
 Jinnouchi, S. 1023
 Jirovec, O. 6488
 Joannou, J. 953
 Joesoef, A. 514, 3361, 4010, 4412, 5994
 Jogis, V. A. 196
 Joglekar, B. R. 2394
 Johansson, S. G. O. 1855
 John, D. T. 1709, 1710
 John, K. O. 1261, 4723
 Johnson, C. A., III 2304, 4568
 Johnson, D. R. 6411
 Johnson, E. A. 3798
 Johnson, G. F. 1532
 Johnson, H. C. 4893
 Johnson, J. C., Jr. 2881
 Johnson, L. R. 6293
 Johnson, M. C. 4732
 Johnson, R. D. 3953
 Johnson, R. L. 1665
 Johnson, S. 3958
 Johnson, S. K. 4921
 Johnson, W. C. 1088
 Johnston, M. R. L. 6117
 Johnstone, I. L. 4823
 Johnstone, P. D. 2053
 Johri, G. N. 3026, 3829
 Jolivet, G. 905, 2165, 3254
 Jones, A. 4053, 5148
 Jones, P. 758
 Jones, P. W. 3509
 Jones, V. E. 2514
 Jones, W. O. 768, 3638
 Jong, N. de 6090
 Jong, N. M. de 2148
 Joo, C. Y. 2243, 2244, 2358, 4783, 5341, 6005, 6104
 Joo, J. Y. 4230
 Jopkiewicz, T. 5968
 Jordan, G. L., Jr. 6270
 Jordan, G. W. 896
 Jordan, P. 2006, 3717, 3745, 4256, 5240
 Jordan, W. H. 2865
 Jorge da Silva, A. A. 3434
 Jorge, E. 2560
 Jørgensen, R. J. 1044, 2625, 2643, 2745, 3355, 4099
 Jorotaeva, V. D. 94
 Jose, D. G. 4652
 Josef, M. 3581
 Joseph, K. C. 1218
 Joshii, H. C. 2090, 2688
 Joszt, B. 4373
 Joszt, L. 4373, 4374
 Jourdan, M. C. 375
 Jourdane, J. 2756, 2938, 6163, 6164
 Jovanović, B. 231, 738
 Joy, J. E. 1115, 2335, 3996, 3997, 6115
 Jucker, E. 988
 Juels, C. W. 3900
 Julini, M. 2552
 Jun, J. 1956
 June, S. S. 4100
 Jung, K. H. 6343
 Jung, R. C. 2176
 Jung, R. K. 1409
 Junnarkar, R. V. 2212
 Jura, W. 5295
 Jurado, R. 4308
 Juranek, D. D. 2850, 5577
 Jurányi, R. 388
 Jurasek, V. 4002, 4003
 Jurczyński, S. 5962, 5967
 Juttijudata, P. 4158
 Juvelier, B. 6220
 Kaarma, A. 1313, 3129
 Kaarma, A. I. 259, 260, 1576
 Kabilov, T. 2957, 3989
 Kachkovskaya, V. S. 667
 Kačka, I. 2659
 Kaczmarek, J. 3130, 3133, 4148
 Kaczmarek, S. 2160
 Kaczor, W. J. 1753
 Kadenatsii, A. N. 2007, 2072, 2073, 2084
 Kadhim, J. K. 1479, 3621
 Kadite, B. 1314
 Kadłubowski, R. 5969
 Kadry, S. 3095
 Kadyrov, N. T. 3622, 4209, 4333
 Kadytė, B. 1314
 Kagan, I. G. 239, 2214, 3572, 4111, 4121, 4656
 Kagei, N. 95, 543, 1765
 Kageruka, P. 3979
 Kagota, K. 389, 2069, 5576
 Kahwa, I. 4435
 Kai, S. 4690
 Kairova, N. K. 2018
 Kairyshtis, I. 1440
 Kaito, I. 535
 Kajana, L. 4525
 Kaji, F. 531
 Kajihara, N. 390
 Kakuliya, G. A. 3481
 Kalabekov, A. L. 149, 150
 Kalandarishvili, S. D. 2125
 Kalashnik, V. I. 1433
 Kal'chenko, A. A. 5857
 Kale, O. O. 897, 2131
 Kaleb, Y. M. 1514
 Kaleysaraj, R. 5403
 Kalia, R. 4073
 Kaliner, G. 6091
 Kalinowska, Z. E. 2689
 Kalivoda, R. 1617
 Kalmykov, E. S. 5404, 5405
 Kalous, F. 3298
 Kaloyanov, Zh. 4029, 5101
 Kalra, I. S. 4507, 5107
 Kalyankar, S. D. 2409
 Kamalapur, P. N. 4838
 Kamalov, N. G. 2782
 Kamardinov, Kh. K. 4280
 Kamburov, P. 871
 Kamel, A. I. 4736
 Kamel, K. 3561, 4873
 Kamel, R. 3514
 Kamel, S. 3703, 3704
 Kamenskiĭ, I. V. 391, 3203
 Kamiński, M. 2008
 Kamionek, M. 1856
 Kamitowa, K. 1760
 Kamiya, H. 151, 563, 596, 1803, 4046
 Kamiya, M. 232, 596
 Kamo, H. 686, 1980, 4600
 Kamoi, Y. 570
 Kämpe, A. 4781
 Kan, S. P. 5997
 Kanaka, T. S. 2245

- Kanamura, H. 5733
 Kanamura, H. Y. 3795, 5207
 Kanchan, S. 5279
 Kancheva, K. 4704
 Kanda, T. 232, 4783, 5341
 Kane, K. K. 6097
 Kang, K. L. 4219
 Kang, S. Y. 2367, 2368, 2374, 2701, 5537, 5556, 6107, 6138
 Kanga, K. 2829
 Kannangara, D. W. W. 4334
 Kanno, S. 3896
 Kano, S. 730
 Kantor, S. 2704
 Kao, C. Y. 6120
 Kao, P. C. 1796, 5665
 Kaplan, A. P. 739, 3036
 Kapp-Burzynska, Z. 3106
 Karabaev, D. K. 1045, 1302, 1315, 1316, 1403, 2009
 Karabaeva, S. D. 2939
 Karaev, R. M. 2345, 3462
 Karanikolov, I. 2917
 Karasek, M. 5464
 Karasev, N. F. 2882, 2951, 2952, 4026
 Karb, K. S. 6236
 Karelin, S. T. 3247
 Karimova, K. K. 5327
 Karmańska, K. 3061, 5211, 5718
 Karnaukhov, V. K. 3612
 Karnovsky, M. L. 5315
 Karol, M. H. 5703
 Karpenko, I. G. 3248
 Karpenko, I. M. 3748
 Karpenko, S. V. 619
 Karrasch, A. W. 1480
 Karstad, L. H. 128
 Karycheva, A. F. 4887
 Kasesalu, Yu. 1116
 Kashapova, T. V. 5889
 Kashima, S. 2108
 Kashimov, D. M. 4280
 Kashinskiĭ, A. D. 5199
 Kashinsky, A. D. 2475
 Kashkovskii, V. V. 2918, 4524
 Kasimov, G. S. 70, 114
 Kas'kov, B. N. 1226
 Kasnarson, Z. V. 5623
 Kaspakbaev, A. S. 6404
 Kaspalbaev, A. S. 3778
 Kasprzak, W. 2178
 Kassai, T. 1857, 5939, 5963
 Kassiss, A. I. 3573, 4101, 5212
 Kassouny, D. Y. 533
 Kassur, B. 1908, 5406
 Kasuya, S. 730, 731
 Kas'yanenko, A. M. 5407
 Kas'yanov, F. I. 2103
 Kataki, T. 2108
 Katamine, D. 5644
 Katara, R. P. 392, 5298
 Katende, J. 4435
 Kates, K. C. 2042, 2107, 2690
 Kathaperumal, V. 3757
 Katiyar, J. C. 5728
 Katkov, M. V. 5087, 5342, 5465
 Katkyavichyus, Yu. 1085
 Katsova, L. B. 1317, 1449, 1481, 1482, 1483
 Katsube, M. 2732
 Kattan, Y. B. 2830, 2831
 Katz, M. 1628, 1629
 Katz, N. 393, 1507, 2691, 3273, 5855
 Kaufman, A. F. 4418
 Kaushal, B. R. 1909
 Kāvai, A. 394
 Kavardakova, L. V. 6057
 Kawaguchi, H. 555
 Kawakami, S. 652
 Kawashima, K. 532
 Kawazoe, U. 291
 Kay, W. J. 1532
 Kazacos, K. R. 1244, 1858, 4102, 5213, 6235
 Kazadaev, V. I. 675, 826
 Kazár, G. 2206
 Kazhenyauskas, E. 359
 Kazlauskas, J. 1085, 1583
 Kazlauskas, Yu. 1085, 1583
 Kazura, J. W. 6236
 Keahey, K. K. 5454
 Kean, B. H. 1634
 Kearn, G. C. 2604
 Kearns, J. L. 5811
 Kedzierski, R. 4373
 Keefe, T. L. 6106
 Keith, R. K. 5192
 Kelen, E. M. A. 2777
 Keller, H. 1520
 Keller, R. 1245
 Keller, U. 5577
 Kellogg, F. E. 4511, 6094
 Kelly, A. 758, 1625
 Kelly, D. C. 6117
 Kelly, J. D. 898, 899, 1410, 1411, 1837, 3746, 4786, 5024, 6336
 Kemeses, F. 3972
 Kemp, W. M. 6237
 Kemr'n, R. S. 3747
 Kendall, S. B. 2757
 Kendy, C. 2302
 Keninya, V. A. 1360
 Kenmotsu, M. 562, 717
 Kennedy, C. R. 2346, 4210, 4369, 5634
 Kennedy, T. J. 732, 2074
 Kenney, M. 7, 533, 4414
 Kenny, M. 1010
 Kent, K. M. 1930
 Kent, N. H. 1859
 Kercher, C. J. 1894
 Kerharo, J. 4824
 Kermarrec, A. 2626
 Kern, F. G., III 6131
 Kerneis, J. P. 276
 Kershaw, W. 3901
 Kesavaraj, R. S. 2832
 Kessie, F. 6267
 Kester, W. O. 2075
 Ketchum, D. G. 5191, 6212
 Keymer, I. F. 3336, 4335, 4336
 Kezić, N. 4525
 Khadivi, B. 17
 Khadzhinova, V. K. 1643
 Khadziev, K. D. 37
 Khafagy, E. Z. 261, 3131
 Khaïdarov, U. Kh. 2149
 Khaitov, N. Kh. 3019, 3220, 5244, 5348, 5856
 Khakimov, L. K. 1305
 Khalabuda, I. Z. 534, 2132
 Khalbaev, D. Kh. 4825, 5009
 Khaleque, A. 918
 Khal'fin, G. O. 2076
 Khalid, K. H. 2575
 Khalidov, Z. R. 6386
 Khalifa, R. 3520, 5126
 Khalikov, S. Kh. 5244
 Khalil, A. 4962
 Khalil, H. M. 2387
 Khalil, L. F. 2290, 2987, 4065, 6037
 Khalilov, A. G. 295
 Khaliullina, F. Sh. 582
 Khamis, F. 4431, 4877
 Khamis, Y. 1041
 Khan, A. 6199
 Khan, A. A. 3959
 Khan, K. 3377
 Khan, M. A. 4740
 Khan, Z. I. 3653, 4752, 6301
 Khanna, M. 140, 4035
 Kharchenko, N. A. 827
 Kharchenko, V. I. 626, 3448
 Khari, B. I. 2601, 2605, 3650

- Kharizanova, T. 4864
 Kharrasova, F. Kh. 4305
 Khasanov, B. 1340
 Khaw, O. K. 364, 2814, 6330
 Khayyal, M. T. 6418
 Khaziev, G. E. 2779
 Khaziev, G. Z. 620, 649, 763, 769, 868, 1305, 1412, 1436, 3249
 Khegerova, E. 3793
 Kheir-Eldin, A. A. 3142
 Khera, S. 5145, 5146
 Khiary, A. 3383
 Khichi, P. S. 156, 2985
 Khitenkova, L. P. 4281
 Khitiri, A. A. 1906
 Khizhnyak, N. I. 850, 5466
 Khlebauskas, P. 1246, 1247, 3272
 Khlopitskiĭ, P. G. 2095
 Khmeleva, L. A. 1
 Khmelik, V. P. 1525
 Khoche, B. Y. 5116
 Khodakova, V. I. 4964
 Khodun, L. M. 1866
 Kholmatov, Sh. M. 2291
 Khomyakov, A. V. 5427
 Khonyakina, Z. P. 5178
 Khoo Teik San 53, 4482
 Khrenov, V. M. 449, 2134, 5917, 6450
 Khromova, L. A. 461, 3482
 Khroust, Kh. 4630
 Khudoshin, V. I. 2085
 Khurana, S. 2821
 Khusainov, Kh. Sh. 1910
 Khutoretskiĭ, E. S. 1171, 5408
 Khwaja, M. S. 2833
 Kiddey, N. R. 4996
 Kidokoro, S. 816
 Kiel, J. L. 3451
 Kiguel, C. 3111
 Kihama, F. E. 3381
 Kihara, S. 1553, 2133, 2305, 2889, 5915
 Kikawada, N. 535
 Kiknadze, T. A. 5202
 Kikuchi, K. 744
 Kikuchi, S. 2993, 2994, 2995, 2996, 2997, 2998, 2999, 3000, 3001, 3002, 3003, 3004, 3005, 3006, 3007, 5167, 5168, 5169, 5170, 5171, 5172, 5173, 5690
 Kil-kinov, G. I. 3512
 Kilbourn, E. E. 4854
 Kilian, J. G. 2031
 Killick-Kendrick, R. 3483
 Kilpatrick, D. 677
 Kim, C. H. 2369, 2645, 2692, 5628, 6100, 6129
 Kim, C. W. 3571, 3859, 4103, 5916
 Kim, D. C. 2275, 2693, 2694
 Kim, J. C. S. 770
 Kim, J. H. 2693
 Kim, J. S. 2246
 Kim, M. B. 2820
 Kim, M. S. 6147
 Kim, N. W. 2490
 Kim, S. H. 6005, 6381
 Kim, S. J. 2240, 2377, 3290, 6238
 Kim, S. S. 3280, 6147
 Kim, W. K. 6219
 Kimbell, J. W. 3960
 Kimura, H. 6285
 Kimura, M. 2568
 Kingston, N. 615
 Kinoti, G. 4419
 Kinsella, J. M. 1719
 Kintner, L. D. 5265
 Kireev, V. K. 4150
 Kireeva, E. A. 4346
 Kirichenko, L. M. 2347, 3132
 Kirilenko, A. V. 1911
 Kirillova, L. P. 1745
 Kirkpatrick, C. H. 1867
 Kirsanova, T. A. 3418
 Kirsch, R. 395, 396, 1452, 2695, 2696, 4265
 Kirsten, C. 3557
 Kiselene, V. 1131, 1577
 Kiselene, V. K. 3521
 Kiselev, A. I. 703
 Kiseliene, V. 1131, 1577, 3521
 Kishi, K. 4992
 Kisiel, M. J. 1361, 4177, 4207, 4753, 4754, 5776
 Kisieleska, K. 2627
 Kistner, T. P. 583, 2031, 2077
 Kitajima, E. W. 6473
 Kitamura, K. 4690
 Kitamura, Y. 1803
 Kitano, N. 3245
 Kitchener, P. A. 5812
 Kitikoon, V. 1413, 6137
 Kitkornphan, S. 5251
 Kitwak, R. S. 4307
 Kizaki, K. 968
 Kjeldsen, A. 665
 Kjurkchiev, S. 4566
 Klainer, A. S. 154
 Klass, M. 4755, 4902
 Klausen, S. 2643
 Klebanovskaya, I. A. 3574
 Klebanovskii, V. A. 474
 Klein, J. B. 6382
 Klein, L. 2725
 Kleiĭn, Yu. S. 3902
 Kleinschuster, S. J. 319
 Klemencic, J. 4952
 Klesov, M. D. 233, 1584
 Klimenko, V. V. 3062
 Klimowicz, J. 3027
 Klimshin, A. A. 12, 397
 Klochkova, V. I. 6302
 Kloetzel, K. 536
 Klontz, G. W. 3118
 Kloosterman, A. 846
 Kl'osov, M. D. 1584
 Klucznick, P. 4374
 Klucznio, P. 1471, 4818, 5853
 Kluk, C. 5966
 Kluska, J. 1925, 2078
 Kmitowa, K. 1754, 5254
 Knapen, F. van 5918, 6239
 Knaus, B. U. 3692
 Kneller, S. K. 5745
 Knierim, F. 720, 721, 1275
 Knierim, R. 537
 Knight, W. B. 6442
 Knoepffler, L. P. 137
 Knollenberg, W. 6114, 6452
 Knollenberg, W. G. 6265
 Knothe, J. 5965, 5966
 Knowles, R. J. 1148, 1197
 Knox, J. W. 5766
 Knuesel, F. 4301
 Ko, R. C. 1318, 2330
 Kobalev, N. E. 398
 Kobara, J. 1213
 Kobayashi, A. 4420
 Kobayashi, M. 730, 731
 Kobeleva, L. P. 1494
 Kobilov, T. 4007
 Kobuleĭ, T. 3250
 Kobuleĭ, T. 3250, 4167, 4282, 4826
 Kobus, W. 3719
 Kobyleva, L. P. 1494
 Kobyshev, N. M. 2905, 3447
 Kocan, A. A. 3084
 Koch, G. 2222
 Kochan, A. A. 5598
 Kochetkov, A. A. 3329, 5393
 Kochman, M. 1362
 Kocięcka, W. 3130, 3133
 Kociecka, W. 4148
 Kocicka, W. 3243
 Koga, M. 733

- Kogan, Ya. B. 4929
 Kogure, S. 2108
 Köhler, P. 6303
 Kohn, H. 5258
 Kohno, E. 725, 734
 Koishibaev, G. K. 2046
 Koizumi, M. 535
 Kojima, S. 1248, 3063
 Kokarev, N. I. 3079
 Kokue, E. 4155
 Kolabskii, N. A. 1059, 1263, 1503
 Kolac, J. W. 2079
 Kolesnichenko, M. L. 4453
 Kolesov, M. D. 3335
 Kolev, G. 871, 900, 5969
 Koley, M. 723
 Koller, A. B. 3369
 Koller, L. D. 583
 Kolmogorova, E. Ya. 685
 Kolomysov, I. I. 3304
 Kolesova, M. O. 3064, 5967
 Kołosowa, M. O. 5967
 Kolozsvári, L. 13
 Kolstrup, N. 1046
 Koltai, L. 4282
 Koltypin, Yu. A. 5833
 Kolzow, R. G. 6306
 Komandarev, S. 1590, 3099, 4566, 4904, 5174, 5789
 Komarova, T. I. 3458
 Komissarov, E. Ya. 3822
 Komma, M. D. 5127
 Komorowski, A. 919
 Komuniecki, R. 2606
 Kondakova, E. I. 6312
 Kondinskiĭ, G. V. 1169, 1170, 1172
 Kondo, K. 570, 571, 947, 969, 970, 1912
 Kondo, R. 967
 Kondo, Y. 4684
 Koneva, E. K. 11
 Konichi, S. R. 3794
 König, W. 2487
 Kono, I. 6073
 Kononenko, G. V. 1924
 Kononov, V. D. 6432
 Konontsev, I. I. 1500
 Kononyuk, G. Ya. 1158
 Konopińska, A. 1925
 Konovalova, M. L. 5967
 Konowalowa, M. L. 5967
 Konrad, F. M. 1591
 Kontrat'ev, V. P. 2103
 Kontrimavichus, V. L. 195, 4909, 5140, 6181
 Konyukhov, E. N. 6077
 Kopbosynov, B. 6383
 Kopol'kova, R. F. 1534
 Kopp, H. 4922
 Koprowski, J. 2062
 Korchagin, A. I. 1089, 2134, 2697, 6092
 Korchagina, V. P. 1158
 Korchagova, A. P. 6227, 6240
 Korean Society for Parasitology 2791, 2792, 5955
 Koreeda, T. 2554
 Korneichik, V. F. 2978
 Kornelis, D. 722, 1846
 Kornishina, M. D. 3078
 Kornjušin, V. V. 2982
 Kornyshev, V. V. 71, 621, 2982, 3448, 4057
 Koroleva, N. I. 6051
 Koroleva, V. A. 2919
 Korolevich, V. P. 3015
 Korol'kova, R. F. 1057
 Korostisheva, A. G. 1510, 1691, 6341
 Korostysheva, A. G. 1510, 1511, 5831, 5875, 6055
 Korotaeva, V. D. 6172
 Korpaczewska, W. 1816
 Korsunovskaya, G. A. 262, 4149
 Körting, W. 2607, 4174, 4340
 Kos, W. L. 5399
 Kosareva, N. A. 2553, 3132
 Kosareva, V. M. 5839
 Kosenko, L. Ya. 292
 Koshchanov, E. K. 3505
 Kosheleva, L. I. 5363, 5383
 Koshkina, L. A. 293
 Koshkina, N. G. 399
 Koshy, T. J. 3251, 5711
 Kosin, E. 4010
 Kosin, E. H. 5994
 Kosinova, V. G. 650
 Kosman, L. 4010
 Kosmatka, S. 5962
 Kosminkov, N. E. 6466
 Kostanian, N. 153, 1384
 Kostenis, C. 4370
 Kostenko, D. 2078
 Kostinik, I. M. 3623
 Kostrzewski, J. M. 3134
 Kotani, T. 263, 2278, 2554
 Kotcher, E. 2080, 4249
 Kotecki, N. R. 5972
 Kotel'nikov, G. A. 2134, 5328, 5917, 6450
 Kothare, S. N. 4166
 Kothari, U. R. 4444
 Kotrlá, B. 1672
 Kotrlá-Erhardová, B. 2870
 Kotrlá-Erhardová, B. 2870
 Kotrlý, A. 1672, 2870
 Kotwica, S. 3146
 Koura, M. 3783
 Kouznetsova, H. 5540
 Koval', V. P. 3459, 3522, 4578, 6489
 Koval'chuk, E. S. 397, 507
 Kovalenko, F. P. 3654, 3970, 4195, 5035, 6079
 Kovalenko, I. I. 1382
 Kovalenko, I. I. 2698, 5857
 Kovalenko, L. M. 3533, 3978
 Kovalev, N. E. 400, 5858
 Kovandžić, D. 1283
 Kowalczyk, M. 1913
 Kowalski, J. C. 735, 6304
 Kowalski, R. 3370
 Koyama, T. 14
 Kozak, T. 5961, 5962, 5967
 Kozakiewicz, B. 33, 1061, 1991, 2081, 4373, 4374, 4991, 5859
 Kozar, Z. 2793, 5961
 Kozek, W. J. 3575, 3576
 Koželj, B. 4254
 Kozhokaru, A. F. 5409
 Koziorowska, S. 2062
 Kozłowicz, S. 5971
 Kradel, D. C. 5658
 Krainyaya, V. S. 327, 328
 Kramer, L. L. 1528
 Kramoň, V. Ya. 3671, 3832
 Krasil'nikova, N. I. 1117
 Krasnikov, Yu. V. 264
 Krasnodembskii, E. G. 3523
 Krasnolobova, T. A. 463, 3524
 Krasnonos, L. N. 5860
 Krasnoshchekov, G. P. 294, 4909
 Krasovskaya, N. N. 3069
 Kraus, R. 4952
 Krause, W. 4874
 Krauze, M. 4764, 5969
 Kravtsova, A. N. 558
 Krawczyk, K. 1914
 Krell, R. D. 5214
 Kremer, M. 3359, 4837, 4878
 Kremneva, Z. Ya. 134
 Krest'yaninov, Yu. S. 1114
 Krikunov, M. S. 1249
 Krusche, G. 4268
 Krishna 681

- Krishna, K. S. R. 2263
 Krishnamurthy, R. 4027
 Krishnasamy, M. 3537,
 5163, 5180
 Krissinger, W. A. 148
 Kritsky, D. C. 4036, 4494
 Krivchenko, N. I. 847
 Krivutenko, A. I. 789
 Krizhanovski, V. I. 2854
 Kronberger, H. 4949
 Krone, J. V. 5030
 Krotov, A. I. 295, 1513,
 3252, 3510, 3654, 3970,
 4283, 5363, 5861, 5973,
 6384
 Krotow, A. I. 5973
 Krubwa, F. 901, 4320
 Krüger, A. 5036
 Kruglenko, V. A. 6438
 Kruglov, N. D. 3188,
 4540
 Kruidenier, F. J. 4036
 Kruiningen, H. J. van
 2548
 Krupa, P. L. 808, 5299
 Krupicer, I. 2028, 5132
 Krupskaya, K. N. 5750
 Kruse, G. O. W. 651
 Krushinskaya, T. F. 5427
 Krutogolova, T. F. 1341
 Krylov, A. I. 6375
 Krymskaya, E. I. 2956
 Kryukova, Z. V. 15
 Krzyżanowski, S. 5969
 Ktari, M. H. 3515
 Ku, C. C. 6464
 Ku, C. T. 1187
 Ku, C. Y. 1554
 Ku, I. M. 2334
 Kubantsev, B. S. 2794
 Kubištová, J. 5961, 5962
 Kublickienė, O. 1085,
 1536, 3021, 3577, 3801,
 5712
 Kublickienė, P. 1484
 Kublitskene, O. 1085,
 1484, 1536, 3021, 3577,
 3801, 5712
 Kucharczyk, W. 5962,
 5967
 Kucheruk, V. V. 6337
 Kuchin, A. S. 265, 1296,
 2871, 4462
 Kuchinskii, A. L. 6385
 Kuchyukas, V. 3140, 4653
 Kuchyukas, V. P. 3153
 Kučiukas, V. 3140,
 3153,
 4653
 Kudinova, T. V. 3678
 Kudo, S. 2120
 Kudo, T. 4992
 Kudrewicz, L. 3917
 Kudryavtsev, A. A. 48
 Kudyavtsev, B. V. 4855
 Kugi, G. 1291, 5012, 5152
 Kuhlrow, F. 4421
 Kukharenko, N. S. 4827
 Kuklik, K. 5922
 Kulakova, A. P. 4008
 Kulakovskaya, O. P. 96,
 1118, 3484, 3748, 6489
 Kuleta, Z. 267
 Kuliev, N. D. 3135, 3253
 Kuliev, Yu. M. 2906
 Kulikov, V. V. 4526, 4777
 Kulikova, N. A. 673, 1703
 Kulkarni, D. 165
 Kulmamatov, A. 57, 704
 Kulpati, D. D. 4953
 Kumada, M. 14, 125
 Kumar, A. 1727, 3873
 Kumar, G. M. 266, 4284
 Kumar, P. 2162, 4063,
 4608
 Kumar, S. P. 1769, 1959,
 4213, 4236, 6451
 Kumar, V. 2082, 3979,
 4104
 Kume, S. 594
 Kümmel, G. 2573
 Kung, C. H. 1554
 Kunimi, U. 528
 Kunstmanowa, H. 3060
 Kuntz, R. E. 1797, 2406,
 3011, 4575, 4715, 5128,
 6178
 Kunz, P. A. 809
 Künzle, J. E. 3406
 Kuo, Y. H. 1554
 Kuo Yuan-Hua 2738
 Kupaev, A. A. 4817
 Kupchinskaya, O. S. 116,
 4009
 Kuperman, B. I. 3485,
 4150, 5713
 Kupersmith, J. 4307, 4308
 Kupriyanova, A. 1420
 Kupriyanova, A. V. 1812
 Kuptievskaya, E. A. 5466
 Kuramoto, T. 1771
 Kurandina, D. P. 4211
 Kurashvili, B. E. 989,
 3506
 Kurata, M. 2487
 Kurbanov, S. 2872
 Kurdziel, Z. 1630
 Kure, S. 6285
 Kurelec, B. 296, 810
 Kurihara, T. 538
 Kurimoto, H. 969, 970,
 1912
 Kuris, A. M. 4014
 Kuritsyna, M. A. 3913
 Kurnatowska, A. 5464
 Kurochkin, Y. V. 5616
 Kurochkin, Yu. V. 97,
 1132, 3486, 5673, 6173
 Kurtsikashvili, L. S. 1297,
 1550, 1915, 2126, 3624
 Kusel, J. R. 241, 1277,
 2491, 2608, 4654
 Kushel', E. K. 4887
 Kushnir, V. V. 673
 Kussaya, N. A. 643
 Kutčić, V. 1547, 2141
 Kutsumi, H. 390, 4661
 Kutzer, E. 902, 4609,
 5610
 Kuul', A. K. 5410
 Kuwahara, A. 98
 Kuz'menkova, A. M. 3749
 Kužmicki, R. 1916, 3371
 Kuz'movich, L. G. 1133,
 3623, 4212
 Kuznetsov, F. G. 850
 Kuznetsov, M. I. 5813,
 6386, 6440
 Kuznetsov, V. I. 1483
 Kuznetsova, I. G. 2965,
 5662
 Kuznetsova, V. S. 837
 Kuzovkin, E. M. 1494
 Kuzovkin, Ye. M. 1494
 Kwa, B. H. 5215, 5216
 Kwak, J. S. 2693
 Kwiatkowska-Kawecka, Z.
 2247
 Kyncheva, K. 4704
 Kyung, H. J. 5990
 Kyurkchiev, S. 4566
 Laba, L. 5964
 Labay, G. R. 2393
 Labelled Antibody Group
 3578
 Labrique, Y. 4828
 Lacerda, N. 6342
 Lachmann, P. J. 3857
 Lackie, A. M. 2609
 Lacuata, A. Q. 903, 5823
 Lad, S. D. 3362
 Ladds, P. W. 5935
 Ladwig, V. D. 6387
 Lafaye, A. 2722
 Lagunes, J. 3422, 3738,
 3768, 3790, 3924, 4275
 Lahiri, S. K. 4939, 5304
 Lahiri, V. L. 1631, 3386
 Lahl, R. 6067
 Laigret, J. 2013, 4803,
 6006
 Lakhmanova, T. F. 6278,
 6338
 Lalić, R. 775, 3163
 Lalla, F. de 6017
 Lalov, N. 4314

- Lambert, A. 4037, 5798
 Lamberti, F. 1208
 Lambrecht, F. L. 3750
 Lamina, J. 3065, 3751, 4105
 Lämmler, G. 401, 1152, 1153, 1485, 1937, 2555, 5045, 5411, 5862
 Lamom, C. 926
 Lamouche, P. 2248
 Lamy, L. 3344
 Lancaster, M. B. 4349, 6339
 Lancastre, F. 2934, 3066, 4422, 4963, 5037
 Lance, V. 2330
 Landazabal A., J. 3487
 Landingham, S. B. van 5320
 Landquist, J. K. 3716
 Lang, B. Z. 1759, 5072
 Lang, K. 2699
 Lange, E. R. 3625
 Lanigan, G. W. 5266
 Lankester, M. W. 4993
 Lanzavecchia, G. 2158, 5488
 Lapiere, J. 1486, 1851, 3898
 Lapras, M. 882, 883, 5379
 Lapshina, I. G. 850
 Lara, A. 3424, 3776
 Lara, S. I. M. 234
 Laraki, A. 889
 Larralde, C. 4094
 Larsen, J. B. 2643
 Larsen, L. P. 6402
 Larsh, J. E., Jr. 3067, 3084, 4672
 Larson, O. R. 1159
 Lascano, E. F. 2430
 László, M. 1487
 Latinamerican Society of Hepatology. 4371
 Laubach, H. E. 5598
 Laumond, C. 5645
 Laurence, B. R. 2376, 4564
 Laurence, D. R. 5412
 Lature, H. de 5437
 Lavercant, C. 3558
 Laverdant, C. 2473
 Lavrov, L. I. 1301, 3933
 Law, C. 3963
 Lawler, A. R. 4907
 Lawrence, J. A. 953
 Lawrie, J. H. 2833
 Lazarov, V. P. 3752
 Lazdynya, M. A. 5114, 5777
 Lazența, V. 904
 Le Bars, H. 2033, 2700
 Le Bodic, M. F. 276
 Le Bras, M. 2248, 2556, 3588
 Le Corroller, Y. 3620
 Le Fichoux, Y. 2222
 Le Flohic, A. M. 2644
 Le Guillou, M. 2538
 Le Jambre, L. F. 4994, 5413, 6254
 Le Masson, J. M. 2228
 Le Minh Hang 1938
 Le Prioux, B. 1486
 Le Stang, J. P. 905, 3254
 Leach, R. M. 4368
 Leake, L. D. 5509
 Leaney, A. J. 3483
 Lebas-Saison, E. 1486
 Lebedev, B. I. 152, 5663, 6160
 Leboreiro, O. 771
 LeBras, M. 18
 Leche, J. 758
 Leczycki, W. 5971
 Lee, B. H. 2249, 3289
 Lee, B. K. 6020
 Lee, C. G. 5935
 Lee, D. L. 2506, 4107
 Lee, D. M. 5641
 Lee, H. 153
 Lee, H. F. 153
 Lee, J. B. 6130
 Lee, J. H. 2377, 2390, 3289
 Lee, J. M. 2292
 Lee, J. S. 2492, 2716, 2718, 5993, 6147, 6241, 6340, 6343, 6388
 Lee, K. L. 5863
 Lee, K. T. 1982, 2493, 2508, 3255, 3290, 5990, 6279, 6324
 Lee, O. R. 2468, 2494, 2495, 2820, 3035, 5702, 5992, 6219, 6242
 Lee, O. Y. 2693
 Lee, P. R. 3284
 Lee, S. H. 405, 2272, 2367, 2374, 2701, 2702, 5556, 6022, 6138
 Lee, S. I. 5880, 6019
 Lee, S. Y. 6118, 6346
 Lee, T. S. 2645
 Lee, W. K. 2468, 2494, 2495, 2820, 3035, 5702, 5992, 6219, 6242
 Lee, Y. C. 6153
 Lee, Y. T. 2820
 Leentvaar, P. 1766
 Lees, E. 80
 LeFlore, W. B. 4756, 6221
 Legator, M. S. 402
 Léger, N. 3494, 3753
 Leguia, G. 597, 4235
 Lehman, J. S., Jr. 771, 5267
 Lehmuskallio, E. A. 1018
 Lehoczky, I. 435
 Leiby, P. D. 4494
 Leid, R. W. 4663
 Leigh, W. H. 2410
 Leikina, E. S. 3068, 3069, 4106, 6243
 Lein, J. C. 4010
 Leinati, L. 5578
 Leitner, I. 4500
 Lejkina, E. S. 5963
 Lelièvre, D. 4109
 Lemariner. 4032
 Lemelev, V. R. 5402
 Lemmo, A. 4713
 Lenczner, M. M. 4954
 Leng, R. A. 2834
 Lengy, J. 2972, 4955, 4960
 Lengyel, A. 403, 435
 Lenkauskaitė, Ch. 1160, 1383
 Lentsner, A. A. 260
 León, D. de 954, 5640
 Leoniuk, S. 1064
 Leont'eva, V. G. 94
 Lepoev, O. 4309
 Lepojev, O. 775, 3163, 4309, 6421
 Lerner, D. J. 1528
 Leroy, J. C. 1560, 1869
 Leroy, J. P. 3224
 Leschchev, K. A. 4316
 Lesin'sh, K. P. 1414, 2703, 5623
 Lesquerre, C. 2248
 Lesser, R. D. 811
 Lešt'an, P. 1954 5289
 Lester, R. J. G. 2628
 Lethbridge, R. C. 4054
 Letonja, T. 598, 668, 2857, 3579
 Leushner, J. 4875
 Leushner, J. R. A. 4761
 Leventhal, R. 736, 5217
 Leveque, C. 5646
 Levesque, M. 4445
 Levi, G. C. 3794
 Levi, I. 404, 5414
 Levine, N. D. 2385, 2704, 4775, 6314
 Leviitt, D. 2250
 Levy, L. F. 3372
 Levy, M. G. 1955, 3171, 4194
 Lewert, R. M. 749, 4879, 5740
 Lewin, P. K. 3823
 Lewis, C. J. 878

- Lewis, E. R. 5863
 Lewis, L. M. 5299
 Lewis, R. E. 5745
 Leyk, W. 1717
 Li, P. X. 3305
 Li, Y. H. 2835, 2836
 Liang, D. C. 2837
 Liang, Y. S. 2370
 Liberman, I. I. 4956
 Libosvárský, J. 1743
 Lichtenberg, F. von 1930, 4356, 4736, 5751
 Lichtenfels, J. R. 5175, 5697, 6131
 Lie, K. J. 117, 1384, 5218, 6244, 6245, 6246
 Lie Kian Joe 117, 153, 1384, 3070, 3071, 5218, 6244, 6245, 6246
 Lie, S. F. 5634
 Lieberman, H. D. 2229
 Lien, C. A. 1415
 Lien, J. C. 2280, 5994
 Lien, L. 3449, 5613
 Liew, F. Y. 5215, 5216
 Lightner, L. K. 2496
 Lignon, G. B. 913
 Likhovoz, L. K. 955, 1567, 6132
 Lim, B. L. 189, 1081, 3969, 4219, 4488, 4495, 6007
 Lim Boo Liat 4488, 4495, 6007
 Lim, H. K. 2783, 3071
 Lim, J. K. 405, 2702, 2714, 3256, 3279, 5879
 Lim, K. C. 61, 1660, 4128
 Limakhina, M. A. 406, 5268
 Lin, C. C. 6331
 Lin, H. C. 6126, 6464
 Lin, J. H. 3072
 Lin, L. H. 6126, 6464
 Lin, T. F. 592
 Lin, T. M. 3580
 Lin, Y. K. 1416, 2646
 Lin, Y. T. 6052
 Lindberg, L. A. 3744
 Linderman, W. W. 3227
 Lindquist, J. O. 3426
 Lindquist, W. D. 2083, 3257
 Lindsley, H. B. 1218
 Linebuig, A. 4373
 Lineburg, A. 4374
 Lineva, V. A. 3749
 Ling, C. L. 1546
 Ling, C. V. 54
 Ling, K. L. 1690
 Ling, X. 5695
 Linnik, V. Ya. 99, 4556
 Lintermans, J. P. 2251
 Lipatnikova, M. F. 5427
 Lipkina 3756
 Lisenkova, A. N. 4855, 4856
 Lisovskaya, N. N. 772, 773
 Littell, R. C. 5808
 Little, M. D. 118, 546, 1982
 Littlewood, J. M. 3890
 Litvinaiū, V. F. 1917
 Litvinchuk, L. N. 5185
 Litvinov, V. F. 1902, 2543, 2951, 2952
 Litvishko, N. T. 1319
 Litvyak, V. S. 4872
 Litwak, R. S. 4308
 Liu, C. 1415, 2973
 Liu, C. I. 590
 Liu, C. M. 1415, 3525
 Liu, J. C. 364, 2674, 6330
 Liu, K. H. 5665, 6118
 Liu, S. 4308
 Liu, S. K. 4307
 Livingston, C. W. Jr. 3227
 Ljungström, I. 1852, 1873, 2497, 3073, 3562, 6247
 Llano de Diaz, A. del 5206
 Llavona, M. 954
 Llerena, L. 4163
 Llewellyn, J. 2940
 Llorente, M. T. 1028
 Lloyd, D. C. 5088
 Lloyd, M. 4125, 5738
 Lloyd, S. 2498
 Lloyd, S. S. 5714
 Lo, C. F. 1795
 Lo, C. T. 6118, 6300
 Lo, H. S. 2674, 6331
 Lo, S. J. 154
 Lobachev, Yu. S. 5605
 Lobanov, S. D. 3913
 Locatelli, A. 1407, 2618
 Lodge, R. W. 1775
 Loebenber, D. 407
 Loewe, H. 408
 Logachev, E. D. 2084, 3311, 4033, 6474
 Logan, V. H. 5119
 Loh, I. K. 2269
 Loktin, Yu. G. 2371
 Lomakin, V. V. 2926
 Lombard, J. 6004
 Lombardi, P. S. 4062
 Lomidze, N. L. 1320, 1321, 4829
 Lomukhin, V. P. 4151, 4716, 4717
 Londoño, I. 737, 1250
 Long, G. G. 5175
 Long, R. A. 5300
 Longworth, J. F. 5647
 Lontie, M. 901
 Loos-Frank, B. 6133
 Lopes, J. D. 5733
 Lopes, J. N. C. 2060
 Lopes, Z. A. 6015
 Lopez de Faria, L. 1654
 López Fernández, J. R. 5219
 López-Lemes, M. H. 2499, 2500, 3112, 3581
 López-Román, R. 155, 1188
 Lopez, V. A. 921
 Lord, R. D. 1204
 Lord, S. 3892
 Loreal, E. 774
 Lorgue, G. 882, 883, 5379
 Lormans, J. A. G. 906
 Loseva, N. G. 3539
 Lotukhova, K. E. 5839
 Lotz, J. M. 2411
 Lötzsch, R. 409
 Lou, J. C. 6331
 Loubière, R. 1614, 2248
 Lough, A. S. 1775
 Loum, C. 4423
 Louw, J. H. 539
 Louzada, J. L. Z. 1632
 Love, R. J. 1871, 2501, 2502, 3074, 3075, 6248
 Loveless, R. M. 342, 1068
 Lowndes, K. M. 3985
 Lowrie, R. C., Jr. 2153
 Lowry, J. L. 550
 Lozano, W. 3663, 3664
 Lozoff, B. 4424
 Lu, C. H. 1690
 Lu, H. 6126
 Lu, N. C. 6305
 Lu, S. C. 1155
 Lu Tseng-Yin 2738
 Lu, Y. S. 6153
 Lubieniecki, B. 6108
 Lubiniecki, A. S. 1251, 1860, 5715
 Lucia, M. R. M. de 1208
 Lueker, D. C. 5205, 6233
 Lueshner, J. 3172
 Luff, M. L. 5269
 Luffau, G. 742, 5723, 5725, 5726, 5727, 6249
 Lugetti, G. 1304, 1844, 2465, 3032
 Lukashenko, N. P. 410, 464, 5495, 5964
 Lukaštikova, A. 1617
 Lukaszenko, N. P. 5962, 5964
 Lukin, A. K. 2085
 Lukin, E. I. 3323

- Lukovich, R. 2719, 4842, 6284
 Lukshina, R. G. 411, 1691, 3582, 3754
 Luk'yantseva, E. N. 2920, 2921
 Lumbreras, H. 412, 3097, 4830
 Lumiz, T. M. 5267
 Lumsden, R. D. 208, 811, 1363, 1972, 2983, 4196, 4757
 Lund, E. E. 2961, 6151
 Lungu, T. 907
 Lunkina, E. P. 2440
 Lupaşcu, G. 4923, 5963, 5964
 Lăpescă, G. 5963
 Lur'e, A. A. 3849
 Lushbaugh, W. B. 6237
 Lust, G. L. 229, 2485
 Lutosia, E. S. 4509
 Lutz, J. E. G. 5567
 Luzhkov, A. D. 1488, 5391
 L'vov, M. G. 848, 1489, 5106
 Lwin, T. 3258
 Lyadov, V. N. 5664
 Lyaruu, D. M. 1802
 Lyashenko, I. S. 6280
 Lychko, N. D. 2086, 3735
 Lyman, D. O. 4425
 Lynch, G. M. 4466
 Lyon, D. G. 3934
 Lyons, E. T. 34, 884, 1451, 2031, 2087, 4264, 4452, 4463, 6389, 6390
 Lyons, G. R. L. 2838
 Lysenko, I. G. 3335
 Lysenko, N. M. 2103
 Lyu, K. S. 3256, 6020
 Lyubarskaya, O. D. 123, 2348, 3488
 Lyubina, T. V. 2349, 3460
 Maamouri, F. M. 2770
 Maberly, D. J. 1287
 McAllum, H. J. F. 4997
 McAninch, J. 1264
 McArthur, C. P. 5752
 McCall, J. W. 1956
 McCallister, G. L. 4285
 McCallum, S. M. 540
 McCart, P. J. 5635
 McCarthy, T. K. 5932
 Macchioni, G. 2306, 2326, 2621
 McClelland, G. 6083
 McClure, H. M. 3615, 4426
 McConnell, E. 5463
 McCracken, R. O. 811, 1363, 1442, 3229, 4757
 McCraw, B. M. 6030
 McCroddan, D. M. 2814
 McCulloch, W. F. 4919
 McCurdy, H. D. 4831
 MacDonald, D. W. 4995
 Maccdonald, S. 2629
 McDonald, T. E. 706
 Mace, T. F. 5753, 5925
 McFalls, E. O. 287
 MacGregor, A. 758
 MacGregor, M. 2682
 Machado, A. J. 3583
 Machado, M. A. T. 5940
 Macharadze, T. G. 1467
 Machida, M. 14, 1803
 Machinskii, A. P. 2314
 Machnicka, B. 2142, 2503, 3530, 3584, 5684
 Machul'skii, S. N. 1074
 Maciel, S. 5102
 Maciolek, H. 4375
 Mackay, R. R. 413, 4798
 McKenna, P. B. 1069, 4473
 MacKenzie, A. R. 4655
 MacKenzie, K. 100, 632, 633, 2350
 McKenzie, K. 6109
 Mackenzie, P. 1278
 Mackenzie, P. E. 2491, 2608
 Mackiewicz, J. S. 4352, 4596, 5149, 6322
 Macko, J. K. 4610
 McLamb, R. D. 1060, 4132
 McLaren, D. J. 1801, 2491, 2502, 3075, 4564, 4667, 5176
 McLaughlin, J. D. 2427, 2984, 3833, 4894
 McLeod, C. C. 2705
 McLeod, J. A. 2200
 McMahon, J. E. 4832, 4833
 McManus, D. P. 2610
 McMillan, B. 1625
 MacNeill, A. C. 63
 McPhee, L. 4797
 McPherson, W. B. 1069
 MacRae, A. A. 26
 McTaggart, I. K. 5360
 McVicar, A. H. 705, 4597, 6109
 McWilliam, N. 4143
 Macy, D. W. 414
 Macy, R. W. 4047
 Madagascar, OCAM 4372
 Madden, P. A. 6131, 6200
 Maddison, E. 4121
 Maddison, S. E. 3572, 4656
 Madej, J. A. 1471, 1519, 4375
 Madel, G. 5177
 Madhavan, M. 3903
 Madhavi, R. 5674, 6174
 Madkhazova, S. M. 3682
 Madsen, H. 3204
 Madwar, M. A. 750
 Maeda, H. 3303
 Maegraith, B. G. 6490
 Maejima, J. 686, 1980, 3896, 4600, 4973, 5155
 Maertens, K. 2088, 6027
 Mafart, Y. 4963
 Mafiamba, P. C. 5754
 Magalhães, L. A. 3438
 Magalhães, O. 1501
 Magni, F. 3839
 Maguza, V. S. 5066
 Magyar, K. 415
 Magzoub, M. 6264
 Mahadevan, S. 3988
 Mahajan, R. 191
 Mahajan, R. C. 5220, 5716
 Mahmood, K. 3373
 Mahmoud, A. 5739
 Mahmoud, A. A. F. 718, 1252, 1861, 1882, 1938, 2504, 2861, 4417, 4424, 4947, 5281, 5468, 6236
 Mahmoud, A. H. 1255, 2575, 3561, 4082
 Mahran, G. H. 3755
 Maiboroda 1538
 Maier, W. A. 4011
 Maillard, C. 144, 5798
 Mainster, M. E. 6061
 Maïorova, L. A. 3756
 Major, G. W. 5352
 Majumdar, G. 72, 177, 192, 1829
 Majumder, S. 3441
 Majure, T. V., Jr. 1070
 Mak, J. W. 1081, 4959, 5042
 Mak Joon Wah 4959, 5042
 Makal'skii, I. G. 1957, 2089, 3419, 3672
 Makar, N. 3626
 Makhlina, R. M. 4438
 Makhmudova, Sh. A. 3136
 Makhyou, N. A. 1019
 Maki, L. R. 1894
 Makkar, M. S. 2090
 Maksai, V. V. 3459
 Maksimov, P. I. 4987

- Maksimova, A. P. 3834
 Maksimović, A. 6391
 Malakhov, V. V. 2771
 Malakhova, E. I. 3259,
 5864, 6392, 6393
 Malakian, A. H. 3113
 Malaysia, Institute for
 Medical Research 4386
 Malczewski, A. 2293,
 2676, 4270, 4375, 4834
 Malecha, J. 3325
 Malek, E. A. 118, 908,
 1767, 4784
 Malet, P. 4976
 Malik, M. O. A. 4152,
 5546
 Malik, P. D. 5415
 Malkhazova, S. M. 3683
 Malkowski, L. 5966
 Mallack, J. 5637
 Mallion, J. M. 1611
 Malmberg, G. 2398
 Malone, J. B. 4718
 Maloney, S. D. 4906
 Maltby, J. H. 5027
 Mamaev, I. S. 2073
 Mamaev, Yu. L. 119, 682,
 1189, 2157, 2966, 3516,
 4038, 5664, 5941, 6161,
 6162
 Mamatelashvili, V. G.
 6427
 Mamedov, A. K. 1490,
 1742
 Mamedov, G. S. 3686
 Mamedov, T. D. 1490
 Mamedova, Kh. M. 3216,
 3217, 3267
 Mamerzhanov, S. I. 6093
 Mamo, A. J. 5717
 Mamo, E. 4713
 Mamonov, M. E. 5846
 Manafi, J. R. 862
 Mañas, I. 1236, 2476
 Mandahl-Barth, G. 4012
 Mandel, M. 5739
 Mandić, D. 2873
 Mandour, A. M. 5668,
 6175
 Mañé-Garzón, F. 5129,
 5130
 Maneff, I. 3888
 Manev, I. 3888
 Manfredini, L. 6465
 Mangush, E. K. 3260,
 3693
 Manickam, R. 3757
 Mankau, R. 5496
 Mann, I. 4028
 Manna, B. 2412
 Mansfield A. W. 6492
 Mansfield, M. E. 4100
 Mansour, A. M. 5985
 Mansour, N. 153
 Mansour, N. S. 3439
 Mantell, C. A. 2252
 Mantovani, A. 1778, 1791,
 1893, 2962, 3137, 3946,
 4565
 Mantovani, E. 4459
 Manuel, T. V. 683
 Maramorosch, K. 4924
 Maran, B. 2532, 3932, 4479
 Marañoñ, M. R. 4835
 Marcelou-Kinti, U. 5243
 Marchand, A. 2165, 2287
 Marchenko, N. S. 5053
 Marchevsky, N. 2734,
 5438
 Marck, E. van 2505
 Marconcini, A. 1304
 Marconi, C. 6228
 Marcos, J. 1028
 Marcoux, M. 5100
 Marenkin, F. S. 3282
 Margolis, L. 174, 706,
 3374, 5069
 Maria, D. L. 6008
 Marien, L. R. 2884
 Marina, A. A. 3758
 Marinho, R. P. 1491
 Marits, N. M. 634, 837,
 1003
 Mark, D. L. 310, 3673
 Markar'yants, L. A. 5343
 Markell, E. K. 2706
 Markevich, A. P. 3674,
 6483
 Markiewicz, K. 267, 5961,
 5971
 Markin, A. V. 4286
 Markov, G. S. 635, 1103,
 1105, 2331, 2332, 2333,
 2794, 2905, 3447, 4515,
 5178
 Marković, M. 6329
 Marland, P. 4719
 Marlet, J. M. 3076
 Marois, M. 5510
 Marques, R. J. 1633
 Marroquin, H. F. 5845
 Marsac, J. 1607
 Marsden, C. H. 4657
 Marshall, I. 2557, 2610
 Marshall, T. F. de C.
 3186, 5359, 5746, 5822,
 6013
 Martaresche, B. 4440
 Marti, O. G. 3138, 5354
 Martin, A. 3949
 Martin, D. R. 3971
 Martin, J. 2506, 4107
 Martin, J. H. 4672
 Martin, L. K. 2253
 Martin, P. W. 6061
 Martín, V. R. 5002
 Martin, W. E. 1804
 Martindale, J. 2641
 Martine, J. 2248
 Martinez, A. J. 1710
 Martínez Marañoñ, R.
 4835
 Martini, N. 1634
 Martirani, I. 5865
 Martire, J. R. 4956
 Marty, J. C. 4709
 Mart'yanova, R. N. 1328
 Martynov, P. M. 6422
 Martynov, V. V. 3961
 Martynowicz, T. 4818,
 5211, 5853
 Maruashvili, G. M. 1492,
 1635, 2091, 4357, 4427,
 6394
 Marynowicz, T. 5221
 Masalygina, L. S. 3701
 Masarnovskii, A. G. 35,
 948, 3261
 Masi Pallarés, R. 5102
 Maskos, C. 5961
 Maslyukova, N. G. 3291
 Masoero, P. 6498
 Mason, A. R. 2611
 Mason, P. C. 1780, 4996,
 4997
 Masood, S. 1182
 Masri, S. 840
 Massart, R. 3759
 Massey, C. L. 2179
 Massoud, J. 642, 5599
 Matchanov, N. M. 1071,
 2092
 Mathewroy, V. C. 3769
 Mathiesen, E. W. 4307
 Mathur, K. K. 4939
 Mathur, P. B. 40
 Mathur, S. C. 3904
 Matikashvili, Sh. T. 6430
 Matos, F. J. de A. 2721
 Matossian, R. M. 1020,
 4108, 5717
 Matovu, D. B. 4836
 Matsaberidze, G. V. 989
 Matsubara, T. 2746
 Matsuda, H. 2751, 3081,
 4434, 5096
 Matsuda, S. 541
 Matsuev, V. I. 1253
 Matsuo, T. 2707, 3262
 Mattern, C. F. T. 5781
 Matthews, B. E. 825
 Mattox, K. L. 2216
 Matuhasi, T. 5710
 Matumoto, Y. 5547

- Matusevičius, A. 1322, 3263
 Matusyavichyus, A. 1322, 3263
 Matuszak, J. 1862
 Matuszewski, J. 5965
 Matyushina, V. G. 1301, 1348
 Mauser, L. 2487
 Mawdesley-Thomas, L. E. 3139
 Mawdsley, J. H. 3264
 Mawson, P. M. 1214
 Mayaudon T., H. 3962
 Mayaudon Tarbes, H. 4496
 Mayer, L. P. 6283
 Mayes, M. A. 145, 146, 1793, 4055, 4568
 Mayhew, I. G. 4464
 Maynard, E. P. 2507
 Mazabel, C. 4580
 Mazhuga, N. A. 5301
 Mazur, P. L. 416, 2093, 2095
 Mbemba, Z. 4474
 Mdivnishvili, D. A. 1850, 1863, 1918, 4720
 Meacock, S. C. R. 4657
 Mead, R. W. 6281, 6319
 Meade, T. G. 218
 Meadowcroft, S. C. 2708
 Meakins, R. H. 1919, 4153
 Mears, F. A. 899
 Mecham, J. A. 909
 Mechfudin, H. 544
 Medcalf, J. D. 4724, 4798
 Medina, E. 2839
 Medina, M. G. 1427
 Medrea, N. 354
 Medvedev, V. I. 4527
 Medvedeva, S. V. 5466
 Medway, W. 3980, 5617
 Medzevichyus, A. 3627, 4721
 Medzevičius, A. 235, 1085, 1220, 1233, 1254, 1323, 1333, 1350, 1367, 3042, 3077, 3140, 3559, 3585, 3586, 3627, 4625, 4721
 Medzyavichus, A. 3077
 Medzyavichyus, A. 235, 1085, 1220, 1233, 1254, 1323, 1333, 1350, 1367, 3042, 3140, 3559, 3585, 3586, 4625
 Meenakshisundaram, E. 2245
 Meerovitch, E. 4560
 Mehlman, M. A. 5764
 Mehrotra, V. 5672
 Mehta, K. 4683
 Mehta, K. K. 4444
 Mehta, S. 3907
 Meier-Brook, C. 2941
 Mejbaum-Katzenellenboren, W. 5961
 Mekhraliev, A. A. 3489
 Melbarde, R. E. 5623
 Melby, E. C., Jr. 2795
 Melikov, Yu. F. 305, 311
 Melikova, M. E. 5795
 Mello, D. A. 5942
 Mello, R. T. 426, 6410, 6461
 Mello, R. T. de 236
 Mellor, P. 4810
 Mel'nichenko, O. D. 3440
 Mel'nik, L. M. 5951
 Mel'nik, M. L. 6385
 Mel'nik, M. N. 2806, 3693
 Mel'nikov, G. B. 1433
 Mel'nikov, V. I. 268
 Mel'nikova, A. S. 36
 Mel'nikova, I. I. 4154
 Mel'nikova, K. V. 1324, 5831, 5875, 6282
 Menager, C. 4441
 Mendoza, B. 2847
 Mendoza, G. 21
 Mendrych, I. 2566
 Mendy, R. M. 2840
 Mengel, J. 5214
 Menon, M. P. S. 5222
 Menon, T. U. K. 855
 Mensah, A. 6267
 Mercado-Burgos, N. 3760
 Meremins'kii, A. I. 1047
 Mereminskii, A. I. 1047, 1134, 1493, 2094, 2095, 3587
 Merigoux, B. 2267
 Mërka, V. 3777
 Merkulova, F. M. 5416
 Merkusheva, I. V. 81, 1417
 Merlin, M. 4803
 Merritt, G. C. 6254
 Merritt, R. W. 4896
 Meshki, T. K. 2914
 Mészáros, J. 3972
 Metge, P. 774
 Mettrick, D. F. 5273, 5782, 6294
 Meuleman, E. A. 1756, 1768, 1798, 1802, 1813
 Meunier, J. M. 4411
 Meyer, K. F. 5197, 5257
 Meyer, M. C. 483, 2161
 Meyers, G. H. 1936
 Meyers, W. M. 1331, 1792, 4658
 Meymarian, E. 3743
 Meyrial, J. 484
 Meza F., M. N. 5956
 Mhiddin, H. K. 956
 Mia, A. S. 584, 1681, 5001
 Mia, S. 971
 Michael, S. A. 1129
 Michajłow, W. 2166
 Michálek, A. 417
 Michalska, Z. 3061, 5211, 5718
 Michalski, L. 6395
 Michejda, J. 1896, 3169
 Michel, F. B. 4709
 Michel, J. F. 2647, 2708, 4349, 4998, 5814, 6339
 Michelson, E. H. 4659, 5417
 Michov, L. 4566
 Mickevič, N. 1021
 Micoulloud, A. 3881
 Middleton, F. G. 5535
 Miech, R. P. 1958
 Mieth, H. 4500
 Migaki, G. 2800, 4559
 Migdalska-Kassurowa, B. 3628
 Miguel, O. 755
 Mihai, M. D. 3658
 Mihai, S. 3658
 Mihajlova, P. 6298
 Mihov, L. 5174, 5789
 Mihuta, A. 5996
 Mihuta, S. 5996
 Mijares, M. S. 3632
 Mikačić, D. 5089
 Mikado, M. 5604
 Mikadze, I. L. 2126, 3265
 Mikailov, T. K. 89, 1829
 Mikel'saar, M. E. 260
 Mikes, M. 2328, 5062
 Mikhai, D. M. 3658
 Mikhai, S. 3658
 Mikhailov, V. Ya. 1325
 Mikhov, L. 4566
 Mikityuk, V. V. 1494
 Mikler, F. 1611
 Mikołajski, M. 1805
 Mikryakov, V. R. 5713
 Mikulíková, L. 5778
 Mikulíková, L. 5961
 Mikulowski, W. 3629
 Mikulska, L. 2225
 Milad, A. B. 1495
 Milden, A. 6000
 Milivojević, D. 46, 591
 Miller, D. M. 1950, 3531, 6189
 Miller, G. C. 1793, 2343, 6105
 Miller, T. A. 4660

- Mills, J. N. 418
Mills, S. B. 2335
Milward de Andrade, R. 6327
Min, D. Y. 2240, 2249, 2377, 2390, 3289, 5719, 6009
Min, H. K. 2493, 2508, 2630, 3290, 6010, 6279
Minaeva, M. I. 5886
Minai, M. 228, 4661
Minăscuță, C. 1668
Minăscuță, O. 5387
Miner, W. F. 674, 2481, 4251, 6274
Minier, L. N. 4197
Minkhaidarov, T. M. 3450, 3761
Minnen, J. van 5639
Minor, A. 5962, 5967
Mintschew, P. Z. 2254
Mirck, M. 2150
Mirck, M. H. 1496, 4322
Mirianshvili, M. N. 2096
Mirk, M. 4895
Miroshnichenko, O. S. 553
Mirzayans, A. 666, 4999, 5059
Mirzoev, N. D. 3686
Mirzoeva, L. M. 4722
Misaka, T. 2108
Mischonoff, W. 3888
Mischonov, V. 3888
Mishakov, N. E. 3905
Mishareva, T. E. 5875, 6341
Mishev, M. 5103
Mishra, G. C. 3324
Mishra, G. S. 1711, 2895, 5020
Mishra, P. N. 1800, 2408
Misiura, M. 4056, 5970
Misra, R. N. 4442
Misra, R. S. 1636
Misra, S. C. 3420
Mital, O. P. 4957
Mitchell, C. J. 1135
Mitchell, J. B. 2611
Mitchell, R. L. 599
Mitenev, V. K. 101
Mitra, S. K. 3907
Mitrovic, M. 728
Mitskevich, N. 1021
Mitterer, K. E. 812, 3655
Mitterpák, J. 1478, 2686, 5418
Miyahara, M. 532
Miyamoto, T. 4661
Miyazaki, I. 1637, 4579, 4580
Mizami, W. A. 2617
Mizelle, J. D. 687
Mizíara, H. L. 4428
Mngola, E. N. 1645, 1882
Moayer, F. H. 952
Mobiót, L. M. 4808
Moch, R. W. 1255
Mochi, R. W. 4082
Mochizuki, H. 263, 2554, 2937
Mocuța, D. 5996
Moczoń, T. 297, 4758, 5779, 6396
Modzelewski, E. 82
Mogami, Y. 594
Moghe, K. V. 2212
Mohamed, A. M. 1309, 3285, 3755, 3762, 3791, 3792, 5639
Mohammed, M. S. D. M. 2874
Mohandas, A. 1261, 2758, 4723
Mohiyuddeen, S. 2562
Mohr, P. 1033
Moiseenko, K. G. 1256, 1257, 1258, 1316, 1348, 1447, 3237, 5732
Moiseenko, L. M. 419
Mojon, M. 3881, 4734, 5256
Mokhayer, B. 4528
Mokhtar-Maamouri, F. 5485
Moldopiyazova, P. 1211
Molet, B. 1555, 3359, 4837, 4878
Molinari, J. A. 1864, 5720
Moll, A. 521
Möller, H. 102, 1119
Mollhagen, T. 2443, 2444
Molloy, D. 3490
Molnar, K. 679, 1177
Molnár, K. 3993
Molodykh, Zh. V. 4305, 4855, 4856, 4857, 4858
Molokovskikh, M. G. 2307, 2386
Molyneux, D. H. 3483
Momberg, J. 1033
Monaco, V. 6228, 6446
Monakov, A. V. 3485
Monchenko, V. I. 1568
Moncol, D. J. 2151
Mong, Y. C. 3305
Mon'ko, G. I. 5053
Monov, M. 1306, 5419, 5874
Monroe, L. S. 5976
Montagnini, M. I. 358
Montaron, J. M. 2135
Montecinos, M. I. 1097
Montenegro, M. M. 943
Monteoliva, M. 298
Montero, R. 5090
Montgomery, C. A. 2747
Moore, D. W. 3953
Moore, J. A. 4715
Moore, M. N. 813
Moore, P. J. 545, 3167, 5842, 5843
Moore, W. T., II 1070
Moorhouse, D. E. 6127
Moos, W. 1925, 2078
Moraes, M. A. P. 3375
Morales, F. R. 4313
Morales, L. G. 1427
Moravec, F. 706, 1743, 4066, 4341, 4620, 5581, 5691
Mordenti, A. 1778, 1893
Mordue, W. 5642
Mordvinova, T. N. 2922, 4541
Moreau, A. 2097
Moreau, J. P. 2255, 3763, 4088, 4109, 4140
Moreira, D. R. 2454
Morel-Vareille, C. 5652
Moretti, R. L. 6469
Morev, Yu. B. 312, 833, 972
Mori, J. K. 4287
Mori, K. 911, 2393
Mori, M. 4172
Morin, O. 276
Morin, T. 4413
Morioka, A. 4337
Morishita, K. 5497
Morishita, T. 730, 731
Morisita, T. 5547
Moritz, K. B. 2772
Moriyama, K. 5547
Moriyama, N. 1771
Moro, A. M. 5388
Morone de Lucia, M. R. 1208
Moroshkin, B. F. 1920
Morozov, Yu. A. 1132
Morrell, J. R. 551
Morris, D. E. 542
Morris, G. P. 676
Morris, J. S. 1009, 6376
Morris, R. S. 5360
Morrow, R. H., Jr. 5267
Morsay, T. A. 2851
Morse, S. I. 2596
Morseth, D. J. 2509
Morsy, T. A. 3043, 5866
Mortelmans, J. 2082, 3979, 4104
Morton, B. 1318
Moruga, A. F. 1921
Mosavy, S. H. 1638, 5548
Moses, R. W. 255

- Moses, V. 1970
 Moshkovskii, Sh. D. 4785
 Mosina, S. K. 3078
 Moskalenko, I. K. 411, 3754
 Moskvina, A. S. 4021
 Moskwina, E. N. 5963
 Mossalam, I. 5755
 Most, H. 3860
 Mostério, L. 3794
 Mota, M. R. 4298
 Mota, R. 3774
 Motawe, H. M. 3755
 Mothes, E. 4926
 Mott, K. E. 771, 5267
 Mougeot, G. 4422
 Mounissens, G. 4136
 Mousa, A. H. 3141, 3142, 3285, 3376, 3561, 3724, 3730, 3762, 3764, 3765, 3780, 3791, 3792, 4812
 Mousa, W. 3142
 Movafagh, K. 506, 851, 951
 Movchan, A. T. 3766
 Movsesijan, M. 738, 775, 1283
 Movsesyan, S. O. 5150, 5335
 Mozgovoï, A. A. 650, 1569, 1570
 Mozier, J. O. 6437
 Mroziński, J. 5962
 Muchiashvili, Z. Z. 1326, 1550, 2126, 2315
 Mudarris, F. F. 511
 Mudry, D. R. 5635
 Mueller, J. F. 1986, 4562, 5788
 Muhl, H. 3589
 Mukanov, V. N. 6289
 Mukerjee, M. 3884
 Mukhamadiev, S. A. 37, 1048, 1673, 1674, 2875, 4491, 4497
 Mukherjee, A. K. 1639
 Mukherjee, P. K. 515
 Mukherjee, R. P. 5104, 5131, 5675
 Mukherjee, S. K. 1639
 Mukhin, V. N. 1259, 1260
 Mukhtarova, I. I. 5262
 Mukumov, Kh. 5248
 Mukvoz, L. G. 1640, 2256
 Mulhern, T. D. 6411
 Mullagulov, A. N. 1432
 Muller, A. S. 2199, 5281
 Müller, E. 5010, 5361
 Muller, M. 2709
 Muller, R. 473, 495, 1592
 Muller, R. L. 1836, 3082, 6074
 Mulligan, W. 4662
 Mullin, S. W. 52
 Muminov, P. A. 5977
 Muminova, Kh. S. 776, 1327
 Mundle, G. S. K. 5344
 Munguti, J. 3779
 Münich, U. 4480, 5105
 Muniz, T. M. 771
 Murahwa, S. 4843
 Murai, É. 5682, 6186
 Murakami, T. 1292, 5013, 5025
 Muraleedharan, K. 1769, 1959, 4213, 4236, 6451
 Muratshin, G. N. 769
 Murfitt, R. R. 4759
 Muroga, K. 5633
 Murosaki, A. 2108
 Murray, M. 2471
 Murrell, K. D. 749, 3567, 4110
 Murtazaev, D. Kh. 5856
 Murtazaev, D. M. 3019, 3220
 Murty, A. A. 688
 Murty, A. S. 6176
 Murua, R. 3656
 Muse, K. E. 5486
 Musgrove, J. 6268
 Musiani, P. 4671
 Musila, V. 6041
 Musiura, M. 5972, 5973
 Musoke, A. J. 4663, 4664, 5223
 Mussa, P. P. 6046, 6047
 Musselius, V. A. 1744, 4722
 Mutafova, T. 4350, 4904
 Muthukrishnan, S. 814, 815, 2612, 3657, 5780
 Muttalib, M. A. 16, 3377
 Muzykovskii, A. M. 3266, 6397
 Muzzall, P. M. 828, 1922
 Mwiraria, D. 4389
 Myers, B. J. 4611, 4715, 6011, 6114, 6452
 Myjak, P. 3917
 Myshachkov, G. A. 1136
 Nabih, A. E. 1453
 Nabu, C. S. 5304
 Nacheva, L. V. 1960, 1961
 Nachtigall, W. 2796
 Nada, M. 3124
 Nada, S. 1495
 Nadakal, A. M. 1261, 4723
 Nadakavukaren, M. J. 2413
 Nadkarni, S. V. 3362, 4961
 Nadmaev, K. B. 4243
 Nadtochii, E. V. 1987, 3540, 4498
 Nadtochii, E. V. 6194
 Nadykto, M. V. 5589
 Nadzhafov, A. Yu. 3850
 Nadzhafov, I. G. 3189, 3267, 3935
 Nagahana, M. 652, 1072
 Nagalotimath, S. J. 3906
 Nagano, K. 543
 Nagano, M. 4690
 Nagasaki, T. 641
 Nagase, K. 730, 731, 5547
 Nagathan, M. K. 3378
 Nagel, M. 6477
 Nagibina, L. F. 963
 Nahhas, F. M. 2344
 Naïdenov, N. 5429
 Naïdenova, A. S. 4283, 5363
 Naïdenova, E. 3806
 Naidu, T. S. V. 2336
 Naik, S. R. 3907
 Nain 882
 Nair, N. B. 5084
 Nájera F., R. 3776
 Nájera, R. 3422, 3768
 Nakade, Y. 2120
 Nakahara, O. S. 222
 Nakajima, K. 2431, 2558, 2710, 5157, 5420
 Nakajima, M. 947
 Nakamura, T. 4155, 4198
 Nakano, M. 1771
 Nakasala-Situma, J. 4481
 Nakashima, T. 1023
 Nakashima, Y. 269
 Nakazato, H. 696, 6218
 Nakhodkina, O. S. 4522
 Nakjima, K. 5158
 Nalobin, A. V. 3079, 5756
 Nama, H. S. 156, 1202, 2985, 5073, 5151
 Namitokov, A. A. 4351, 5867, 6398, 6399
 Nance, H. W. 3435
 Nansen, P. 738, 1865, 2643, 4099, 4214, 5467, 5574
 Nápoli, M. A. 4509
 Nappi, A. J. 4665
 Naquira V., C. 1984
 Narayana, D. L. 928
 Narayana, K. 4838
 Narbona, B. 910
 Nardi, C. 1618
 Nardi, E. 1675, 1676
 Nardo, V. di 4958
 Nasher, A. K. 2432, 2530
 Nasimov, Kh. 1137, 1891, 5648

- Nasir, P. 5477
 Nasr, A. 3213, 3703, 3704
 Nasseh, G. A. 17, 3908
 Nassi, H. 5037
 Nath, D. 1806, 5270
 Nath, P. 3231
 National Centre for
 Tropical Medicine
 SEAMEO. 4386
 Natu, M. 5344
 Naumycheva, M. I. 3080,
 5199
 Naumytcheva, M. I. 2475
 Nauriyal, D. C. 4288
 Navarrete, N. 605, 1033
 Naveriani, M. V. 1467,
 2126
 Nawalinski, T. 5421
 Nayar, J. K. 2942
 Nazarov, A. N. 838, 1663,
 1994, 4796
 Nazarova, N. S. 4233
 Nazarova, S. A. 2152
 Nazirov, M. R. 5943
 Nduaka, O. 6335
 Ndzhambu René 568
 Neafie, R. C. 2226, 5228,
 6220
 Nedzinskas, V. 1100
 Needham, A. J. E. 1556
 Neel, J. V. 4940
 Neghme, A. 2841
 Negru, D. 2167, 3947
 Neilson, J. T. M. 5721
 Neilson, J. T. McL. 2510
 Neiman, P. K. 6400
 Nekipelov, M. 2677
 Nekipelova, R. A. 1328,
 1418, 1497
 Nekrasov, A. V. 574, 575
 Nel, C. J. C. 1498
 Nellis, D. W. 6148
 Nelson, D. S. 4683
 Nelson, G. S. 1836, 2511,
 3379, 3605, 4122, 4335,
 4336, 4390, 4429
 Nelson, V. 5741
 Nemchenko, A. G. 6401
 Némec, Z. 3298
 Nemenova, M. I. 2098
 Nemeséri, L. 420, 4839
 Németh, F. 5567
 Nenakhov, Yu. M. 3380
 Nenoff, S. 3888
 Nenov, S. 3888
 Nepora, R. 3412
 Nepote, K. H. 2512
 Neppert, J. 2513
 Nepyshnevskaya, V. V.
 1641
 Neraasen, T. G. 4516
 Nermut, M. V. 1801
 Nesarajah, M. S. 4840
 Nesheim, M. C. 5621
 Nesić, D. 6329
 Nesterov, V. I. 3675
 Netherlands, The
 Anthelmintics Working
 Party of the Faculty of
 Veterinary Medicine.
 1499, 4289, 4290, 4291,
 4841
 Nettles, V. F. 2316, 2322
 Neufeld, J. L. 63
 Neuman, M. 38, 707
 Neuman, T. 5973
 Neumann, H. J. 2010
 Neumann, M. 605
 Neva, F. A. 739
 Neves, J. 1491
 Neves, P. F. 1501
 Nevill, E. M. 329
 Neville, M. C. 3742
 New Zealand, Ministry of
 Agriculture and
 Fisheries 2204
 New Zealand, National
 Hydatids Council 2804
 New Zealand, Wallaceville
 Animal Research Centre
 1002, 5519
 Newman, C. G. H. 4430
 Nezhinskiĭ, V. I. 3913
 Ng, B. K. Y. 1837, 4786,
 6254
 Ngu, J. L. 740
 N'Guessan, H. A. 4808
 Nguete, K. 901
 Nguyen-Huu-Binh 1026
 Ngwenya, B. Z. 6250
 Nhonoli, A. M. 3381
 Niazi, A. D. 4431
 Nicholas, W. I. 3173
 Nicholas, W. L. 3345
 Nichols, C. 2459
 Nichols, K. C. 1178
 Nicholson, T. B. 6425
 Nickel, E. A. 2894
 Nickel, S. 2879, 3692,
 3720, 4292, 4451
 Nickol, B. B. 4489, 4602
 Nidtayasadthi, T. 4432
 Niec, R. 2719, 4842
 Niel, G. 1294, 1463
 Nielsen, K. 741, 4099
 Nielsen, K. H. 6402
 Nielsen, R. C. 5764
 Niemand, H. G. 1704,
 6066
 Niemandt, S. 4843
 Nierderle, J. 4433
 Nigmatzyanov, G. N.
 1436
 Nigrelli, R. F. 6116
 Niimi, A. 98
 Nikel, Z. 3720
 Nikitin, V. F. 450, 3268,
 6403, 6404
 Nikitina, E. N. 4016, 4048
 Nikitina, L. P. 1
 Nikitina, R. V. 4742
 Nikolaenko, G. V. 4872
 Nikolaev, S. M. 1062
 Nikolaeva, V. M. 3526,
 3872, 4581, 4890, 5507,
 6201
 Nikol'skiĭ, Ya. D. 1683
 Nikulin, T. G. 1500, 4542,
 4543
 Nikulina, V. N. 103, 1745
 Nilsson, O. 3920
 Nisenbaum, I. A. 2475,
 5199, 6226
 Nishida, H. 967
 Nishimura, K. 1637
 Nishimura, M. 4690
 Nishino, C. 717, 3096,
 5735
 Nishio, Y. 3303
 Nishiura, Y. 911
 Nishiyama, M. 595
 Nitidandhaprabhas, P.
 1022
 Nitta, A. 1023
 Nitta, T. 555
 Niubo, R. 3030
 Nizami, W. A. 4199
 Nnochiri, E. 2797
 Noble, J. S. 1364
 Noble, S. 4875
 Noblet, R. 3479
 Noda, R. 607, 733
 Noda, S. 733
 Noleto, P. A. 1501
 Nolewajka, E. 3106
 Nollen, P. M. 2413, 6306,
 6470
 Nollin, S. de 875, 2661
 Norman, J. A. 4724
 Norman, L. 4111
 Norris, D. E. 4787
 Norsworthy, G. D. 1502
 Northern Ireland, Ministry
 of Agriculture 4936
 Nosaka, D. 1291, 1292,
 1888, 5012, 5013, 5252,
 5253
 Nosenas, J. S. 3081, 4434
 Nosny, Y. 4710
 Notopulos, N. 5966
 Notteghem, M. J. 3753
 Novak, M. 1262, 6366
 Novikov, V. P. 1263, 1503
 Novitskaya, S. A. 201,
 3491
 Nový, H. 5579

- Nowak, S. 1925, 2078
 Nowosad, B. 2676, 4270,
 4375, 4834
 Noyola, A. 6452
 Nozais, J. P. 18, 1294,
 2829, 3364, 3588
 Nunesmaia, H. G. 3630
 Nurkhametov, H. G. 1446
 Nurmio, P. 6028
 Nurtazin, A. T. 421
 Nurullaev, A. 3410, 4796
 Nussenzweig, R. 4677
 Nwokolo, C. 2207
 Nwosu, A. B. C. 2613
 Nýdl, J. 2039
 Nyhus, L. M. 513
 Oakley, G. A. 422, 3269,
 4293
 Obeng, L. E. 2011
 Oberg, C. 1161, 3056,
 3566, 4472
 Obodowska-Zysk, W. 3628
 Obrebski, S. 829
 Obst, J. 4237
 Obukhov, P. A. 1787
 Ocampo, W. G. 5823
 Ochoa, R. 3421
 Ockert, G. 4237, 6067,
 6154
 Oda, K. 969, 970, 1912
 Odaka, S. 3441
 Odening, K. 689, 2798,
 5478, 5926
 Odingo, R. S. 2199
 Odjegba, A. 1606
 Odnokurtsev, V. A. 4522
 Oduloju, A. J. 6214
 Oelerich, S. 3589, 4666
 Oemijati, S. 538, 544,
 4412
 Oetinger, D. F. 6190
 Ogambo-Ongoma, A. H.
 5479
 Ogbourne, C. P. 3205,
 3206
 Ogilvie, B. 2533
 Ogilvie, B. M. 2464, 2501,
 2502, 2514, 3074, 3075,
 4667
 Ogino, K. 570, 571, 947
 Ogura, M. 263, 2554
 Oguz, T. 4490
 Oh, C. H. 6010
 Oh, C. K. 6012
 Oh, M. Y. 2295
 Ohbayashi, M. 151, 708,
 1215, 1712, 1781, 1817,
 1988, 1989, 3541, 5345,
 5575, 5692
 Ohkawa, H. 6259
 Ohmori, Y. 563, 709,
 3541, 4612, 5692
 Ohtomo, H. 228, 4661
 Oishi, I. 594
 Oishi, K. 543, 816, 911
 Okabe, K. 5868
 Okada, N. 4974
 Okamoto, K. 570
 Okao, E. T. 912
 Okon, E. D. 5549, 6405
 Okopnyi, N. S. 656
 Okorokov, V. I. 166, 167
 Okot-Kotber, B. M. 1240
 Okuda, K. 1023
 Okuda, T. 228
 Okumura, K. 4684
 Okumura, M. 269
 Okura, T. 528, 5397
 Oldenborg, V. 1365
 O'Leary, P. 1645
 Olenev, A. V. 3527, 4342
 Oleszkiewicz, L. 1642
 Olexik, W. A. 5038
 Oliveira, A. R. de 2454
 Oliveira, C. C. de 817
 Oliveira, C. M. de 913
 Oliveira, D. N. G. de 818
 Oliveira, L. S. 120
 Oliveira, M. C. de 527
 Oliveira, M. R. 1024
 Oliveira Rodrigues, H. de
 3998
 Oliveira, V. 1658
 Olivier, L. J. 914
 Ollenschläger, B. 2923
 Ollershaw, C. B. 330
 Olsen, O. W. 483
 Olson, A. C., Jr. 104
 Olson, L. J. 3580, 4160,
 5271
 Olszewska, G. M. 3676
 Olteanu, I. 354
 Oltianu, G. 5973
 Olurin, O. 19
 Omar, A. H. 1308
 Omarov, Zh. K. 1866,
 2515
 Omelaeva, R. N. 915
 Omer, A. H. S. 6013
 Omer, H. O. 4157
 Omer, H. S. 6268
 Omi, H. 2308, 2711
 Omran, L. A. M. 5668,
 6175
 Omura, M. 652, 1072
 Ong, S. J. 6120
 Ong, T. 5422
 Ongom, V. L. 3767, 4435
 Onishi, T. 733, 3174
 Ono, Y. 2012, 2648, 2649,
 3207, 3208
 Onuigbo, W. I. B. 1025,
 2842
 Onyango, Z. 2199
 Oomen, J. M. V. 3382
 Oomen, L. 4725, 4851
 Ooms, L. 30
 Oostburg, B. F. J. 2843
 Oota, T. 5420
 Oppenheim, D. 4902
 Opuni, E. K. 3082
 Orecchia, P. 1807, 2414,
 2415
 Orekhov, P. V. 2978
 Orekhova, A. I. 15
 Orelli, M. von 4301
 Oreshnikov, I. E. 5440
 Orfali, A. 930
 Orfanos, J. 6004
 Origasa, Y. 6285
 Orihel, T. C. 545, 1080,
 2153, 4668, 4940
 Oripov, A. O. 423, 1444,
 1677, 1923, 5248
 Orlandi, M. 2327, 2864,
 3032
 Orlewski, R. 3306
 Orlov, I. V. 6466
 Orlova, V. A. 6406
 Orlova, Z. A. 568
 Orlovskaya, O. M. 2907
 Orlovskii, V. I. 39, 3492
 Ormières, R. 645
 Orren, A. 3083
 Ortega, I. V. 3422, 3707,
 3768, 3775, 3776, 3790
 Ortiz-Valqui, R. 4830
 Ortiz-Valqui, R. E. 3097
 Ortukov, A. O. 5348
 Orueta, A. de 916
 Osborne, J. W. 229, 2485
 Oshae, A. Kh. 4286,
 5869, 6328, 6412
 Oshima, T. 949
 Oshmarin, P. G. 313,
 1189, 1190, 5815
 Osimani, J. J. 5224
 Osman, A. K. 4247
 Osman, G. 261
 Osman, H. G. 3131
 Osmanov, S. 2924
 Osmanov, S. O. 314, 6110
 Osorio, A. 4436
 Ostrovskaya, V. A. 1643
 Ostrovskii, F. M. 5833
 Ostrovskii, M. S. 5443
 O'Sullivan, B. M. 5026
 Osuntokun, B. O. 2958
 Osuntokun, O. 19
 Osuntokun, R. O. 6149
 Otaka, K. 1912
 Otani, H. 5297
 Otero, J. 65
 Otieno, W. A. 974
 Otsuru, M. 717, 1716,
 1878, 3096, 5735

- Ottesen, E. A. 1867
 Otto, G. F. 2888, 5027
 Otto, P. A. 5388
 Ottolenghi, A. 3084
 Oualha, A. 5957
 Ouazana, R. 469
 Oudemans, G. 1462, 2053, 2054, 2678
 Ouma, J. H. 5281
 Oustrières, G. 4963
 Ouyang, C. P. 5665
 Ovary, Z. 1248, 3063
 Ovchinnikova, T. I. 3754
 Ovechkin, N. A. 2095
 Over, H. J. 1504, 6262
 Overstreet, R. M. 4598, 4787, 4907, 5091, 5676
 Ovies, D. 4003
 Ovsyukova, N. I. 5870
 Ovumyan, G. Sh. 212, 678, 4633
 Ow-Yang, C. K. 4544, 4571, 4959
 Owczarewicz, A. 4373
 Owen, D. 5039
 Owen, R. W. 317, 2967
 Oxer, D. T. 990
 Oya, H. 4172
 Oyamada, T. 595, 5283
 Oyerinde, J. P. O. 2614
 Oza, J. J. 4444
 Özcan, A. 5631
 Ozel, M. A. 5740
 Ozeretskovskaya, N. N. 1656, 2099, 3064, 3143, 3144, 3270, 5722, 5961, 5967
 Ozierieckowskaja, N. N. 5961, 5967
 Ozu, S. 126
 Pac, V. 3030
 Pačenovský, J. 1478, 2028, 2686, 5132
 Pachalag, S. V. 40
 Pacheco, G. 739
 Paciejewski, S. 3414
 Padchenko, N. M. 2332
 Padilla Hernández, N. 2213
 Padmavati, A. 2832
 Padonou, K. O. 424
 Paes Leme, L. A. 1465
 Paez, A. 4436
 Page, C. R., III 4757, 5033
 Page, M. R. 4215
 Paggi, L. 1807, 2414, 2415
 Paglia, M. 1634
 Pai, K. M. 1415, 3525
 Pai, K. N. 3769
 Paige, C. J. 5649
 Pal, D. 1636
 Palagina, G. I. 5066
 Palatkin, K. A. 465
 Palii, M. A. 667, 2890, 2953
 Pallarés, R. M. 5102
 Palmeiro, J. M. 324
 Palmer, J. 1651
 Palmer, P. D. 5191
 Palmieri, J. R. 6407
 Palmieri, R. J. 4529
 Palotay, J. L. 2844
 Palumbo, N. 4261
 Pamba, H. O. 1645, 2257, 4851
 Pambuccian, G. 4923
 Pampiglione, S. 1698, 1699, 3346, 4960
 Pan American Health Organization 2258, 5958
 Panaiotti, A. I. 331
 Panaitescu, D. 425
 Panasenکو, N. A. 3440
 Panasyuk, D. I. 1171, 1505, 1924, 3271, 5423, 5498
 Pańczyk, J. 2925
 Pandey, K. C. 1179, 1180, 1191, 1192, 1203, 1571, 1808, 1809, 1810, 1811, 1973, 2416, 2418, 2419, 2974, 2975, 2976
 Pandey, S. N. 3231
 Pandey, V. S. 4474
 Panesar, T. S. 6171
 Pangborn, R. M. 9
 Panichi, M. 6408
 Panse, A. D. 6008
 Pant, C. P. 544
 Pantoja, A. 2213
 Paolaggi, J. A. 4413
 Papavassiliou, J. T. 5243
 Paperna, I. 105, 5092
 Papina, R. I. 1368
 Papp, A. 2206
 Pappas, P. W. 299, 5596, 6283
 Paraense, W. L. 2943, 6473
 Paraguassú, A. A. 5591
 Paran, N. 5781
 Paraschivescu, D. 2755
 Parashar, S. K. 4961
 Pariaud, P. 2749, 4440
 Parichatikanon, P. 6014
 Pařil, C. 1617
 Park, I. K. 5993, 6340
 Park, S. C. 2272
 Park, S. S. 2246
 Park, W. H. 2645
 Parker, B. N. J. 3770
 Parkhomenko, N. A. 1995
 Parmanova, S. Kh. 2092
 Parnas, J. 5964
 Parouty, J. 2749
 Parra, D. 954
 Parra, G. 2224
 Parra, O. M. 6015
 Parratt, J. R. 5821
 Parry, J. 4844
 Parshad, V. R. 4499, 4760, 5272, 5351, 6080
 Parsons, G. S. 6001
 Partono, F. 544, 4010, 4412, 4845, 5994
 Parukhin, A. M. 682, 1394, 1990, 2966, 3461, 3533, 4530, 4581, 4582, 4583, 5179, 6111, 6162
 Parvanov, K. 3888
 Parwanoff, K. 3888
 Pashaev, G. A. 1742
 Pashaeva, M. A. 3253
 Pashchenko, A. A. 553
 Pashkevich, V. Yu. 6077
 Pashkevichute, A. S. 3462, 3474
 Paskal'skaya, M. Yu. 3085
 Pasquier, G. 2748
 Passera, L. 5650
 Pasternak, J. 1364, 3170, 3172, 4761, 4875, 6475
 Pasticier, A. 3383, 4294, 4441, 4640
 Pastuszko, J. 4373, 4374
 Paszuk, W. P. 5963
 Patharangkura, P. 3475
 Patil, S. D. 6008
 Patnaik, B. 40
 Patterson, R. 1264, 2516
 Patton, S. 5480
 Paula, W. de 269
 Pauli, B. 1329
 Paulikas, V. 1246, 3272
 Paulini, E. 917
 Pautrizel, R. 5560
 Páv, J. 777, 5008, 5456, 6409
 Pavlenko, G. Ya. 1276
 Pavlenko, I. P. 5871, 6420
 Pavlikovskaya, T. N. 3392
 Pavlov, A. V. 300
 Pavlov, P. 5872
 Pavlova, L. I. 1366
 Pavlova, V. N. 1506
 Pavlović, D. 332
 Pavlovskaya, I. A. 929, 5886, 5995
 Pavlyuk, R. S. 1138, 3493
 Pawłowski, S. 3909
 Pawłowski, Z. 20, 1991, 2041, 2055, 2081, 2178, 3121, 3243, 3326, 4148, 5944, 5967

- Pawłowski, Z. S. 2512, 3330
 Payet, M. 3383, 4640
 Payne, A. L. 5266
 Payne, W. L. 6054
 Pays, J. F. 2817
 Pays, L. C. 4699
 Pazzaglia, A. 1610
 Peacock, F. 5027
 Peanasky, R. J. 5775
 Peardon, D. L. 4854
 Pearson, D. J. 1265
 Pecheur, M. 333, 1678, 4828
 Peczon, B. D. 3175
 Pedroso, M. B. 5388
 Peel, M. M. 5700
 Pegeron, Z. W. 5967
 Peiretti, H. A. 3973, 5028
 Pekelder, J. J. 4295
 Peliński, M. 2676, 4270, 4375, 4834
 Pellegrini, A. 1304
 Pellegrini Filho, A. 1654
 Pellegrini, N. 1929
 Pellegrino, J. 236, 291, 301, 393, 426, 817, 1507, 2759, 3273, 3583, 5196, 6410, 6461
 Pellerano, C. 3771
 Pelloux, H. 2537
 Pena, A. 5550
 Peña Chavarria, A. 2080, 4249
 Pence, D. B. 2442, 2443, 2444, 4067
 Pence, D. P. 1728
 Pène, P. 4962
 Penick, G. D. 229, 2485
 Penkova, R. A. 2990
 Pen'kova, R. A. 5929
 Penzhorn, B. L. 3942
 Pepenashvili, N. G. 1918
 Pepys, J. 3590
 Percy, D. H. 2884
 Perdrix, J. 5000
 Pereira, E. 4509
 Pereira, L. H. 426, 5196, 6410, 6461
 Peremykin, G. L. 4447
 Perepletkin, S. V. 4316
 Pereria, G. J. M. 1633
 Pereverzeva, E. V. 1073, 3086, 3087, 3143, 3270, 5722
 Pérez-Esandi, M. V. 2100
 Perez, H. 1277, 4654
 Perkatova, V. N. 5133
 Perminova, V. V. 1330
 Peron, J. Y. 3949, 5959
 Perov, M. F. 3822
 Perrault, G. 2013
 Perrin-Fayolle, M. 5256
 Perron, J. 2538
 Perrudet-Badoux, A. 1266, 6251
 Persianova, L. A. 1105
 Persson, L. 315, 830, 3426
 Pertel, R. 5781
 Perucci, C. 4671
 Pery, P. 742, 5723, 5725, 5726, 5727, 6249
 Pesson, B. 3494
 "Pest Control" Magazine 6411
 Peter, C. T. 353, 2301, 2687, 4729
 Peters, J. C. 5424
 Peters, P. A. 2504, 5468
 Petersen, J. J. 653, 973, 4545, 5093
 Pethkar, D. K. 3433
 Petit, A. 742, 5723, 5727, 6249
 Petkov, A. 432, 4029, 5425
 Petkovic, S. 2559
 Petrányi, G. 4500
 Petrichenko, I. U. 3748
 Petrochenko, V. I. 5115
 Petrosyan, A. S. 2101
 Petrov, P. P. 6484
 Petrov, V. S. 427, 1056, 2046, 5346
 Petrov, Yu. F. 4013
 Petrova, R. F. 1273, 1301, 1348, 1447, 1508, 3237, 5732
 Petrović, A. P. 1679
 Petrović, D. 2351
 Petter, A. 276
 Petter, A. J. 197, 198, 3835
 Pettinger, C. L. 6307
 Pezzoli, A. 518
 Pfeiffer, H. 4034, 5329
 Phan Trinh 1026
 Phares, C. K. 4138, 5764, 6307
 Phillips, J. F. 2560
 Phillips, J. H. 1669
 Phillips, J. L. 3176
 Phillips, L. 5302
 Phillips, R. S. 4669
 Phillips, S. M. 3088
 Phillips, T. M. 4112
 Phillipson, R. F. 4117
 Philocreon, G. R. 5551
 Pi, W. T. 5665
 Piantelli, M. 4671
 Pia,tkowski, S. 3414, 4373, 5835
 Pichon, G. 2013, 3495, 5651
 Picq, J. J. 1404, 2722, 3384
 Piechocki, B. 3277
 Piekarski, G. 4437, 4925
 Pierchon, E. 4136
 Pieriegon, Z. W. 5961, 5967
 Piéron, R. 4963
 Pierson, R. E. 767, 2289
 Pietroni, W. 2136
 Pietrzykowski, W. 1471, 4374
 Piez, K. A. 5773
 Pignattelli, P. 1705
 Pigolkin, A. U. 47, 270, 313, 316, 334, 5815, 5873
 Pike, A. W. 2259, 2517, 6316
 Pike, M. C. 5426
 Pilgram, K. 3772
 Pilipavichyute, Ya. 1100, 1221, 3550
 Pilipavichyute, Ya. S. 77
 Pilipavičiūtė, J. 77, 1100, 1221, 3550
 Pilipenko, M. E. 1319
 Pillai, C. R. 5375
 Pillai, M. M. 794
 Pillay, K. R. S. 612
 Pimenov, V. A. 1838, 2712
 Pimenova, L. P. 2352
 Pinchuk, L. M. 669
 Pinchuk, V. A. 233, 1276, 1511, 3098
 Pinelli, G. 2139
 Pineo, C. S. 2799
 Pinilla, N. 2224
 Pinkus, G. S. 546
 Pinnock, C. B. 451, 3177
 Pinon, J. M. 4670, 4710, 5724
 Pinto, C. G. 930
 Pinyawatana, W. 5251
 Piotrowski, F. 2178
 Piotrowski, R. 376, 3089
 Piquemal, M. 3364
 Piquemal, P. 2829
 Pirame, Y. 2537
 Pires de Sant'Anna, E. 4376
 Pirie, H. M. 754, 4134, 4697
 Piróg, Z. 2136
 Pirogov, A. B. 2854
 Pirumov, Kh. N. 3274
 Pishvanov, Yu. V. 5052
 Piskov, V. B. 4281
 Piskunov, B. A. 5622

- Pitchford, R. J. 1557,
1572, 5799
- Pittaway, E. M. 1558
- Pkhakadze, G. S. 3275
- Pkhrikryan, A. V. 3115
- Plaan, O. 237
- Planeta-Malecka, I. 1925,
2078
- Platt, N. E. 1746
- Platzer, E. G. 4175
- Playfair, J. H. L. 3591
- Plaza Suner, J. 4711
- Pliss, V. S. 6412
- Ploem, J. S. 219, 1231,
1847
- Plonait, H. 4296
- Plonka, W. S. 1868, 3060,
3090, 3091
- Plotkowiak, J. 5964, 5969
- Plouvier, S. 1560, 1869
- Plyushcheva, G. L. 3749
- Plyusnina, T. A. 397
- Podbudska, B. I. 6441
- Podesta, R. B. 5273, 5782
- Podgornova, G. P. 2773,
2774, 2794, 3320, 3321
- Podkowska, T. 2294
- Podlaski, S. 1644, 2260,
5552
- Podlipaev, S. A. 3209,
3496, 6134
- Pogrebnyak, L. P. 6483
- Pohley, W. J. 1139
- Poinar, G. O., Jr. 547,
974, 3497, 3861, 4014,
4015, 4068, 4896, 5693,
6142
- Pointier, J. P. 5646
- Poirot, J. 5037
- Pojmańska, T. 2452, 3545
- Pokrovskii, S. N. 5427,
6016
- Poks-Skiba, E. 2566, 2845
- Polderman, A. M. 1770,
3694
- Poletaeva, O. G. 5225
- Polienko, V. F. 1838, 2712
- Polish Parasitological
Society 3546, 5960,
5974
- Polish Veterinary Society
4373
- Polishchuk, V. V. 202
- Politov, Yu. A. 1049,
1385, 1573
- Pollavini, G. 6017
- Pollock, C. 5330
- Polmar, S. H. 3093
- Polovetskaya, A. A. 4438
- Polozhentsev, P. A. 654
- Poluëktov, V. Sh. 4281
- Polyakov, A. A. 1000
- Polydorou, K. 1680, 4846
- Pomeroy, B. S. 6413
- Pomorski, Z. 4373
- Ponder, W. F. 2372
- Ponomareva, V. E. 3693
- Pontes, F. 4311
- Pontes, J. F. 3795
- Pop-Cenić, S. 3815
- Popa, I. 1668
- Popa, N. 5968
- Pope, H. M. 1287
- Popescu, S. 1668, 2167,
2755, 3947, 5387
- Popkow, M. 5969
- Popov, A. 3507, 5874
- Popov, M. A. 5580
- Popov, V. N. 62, 64, 1083,
2896, 2897, 2900, 3977,
4231
- Popova, E. S. 3385
- Popova, L. G. 1027
- Popova, L. S. 3190
- Popova, T. I. 4016
- Popova, Z. G. 1509, 1510,
1511, 5875, 6055, 6341
- Popovich, E. B. 210
- Portaro, J. K. 2449, 6252
- Porter, D. D. 3915, 4504
- Portillo, G. 745
- Portillo, G. P. 5373
- Porway, M. 3798
- Potafeev, N. E. 3210
- Potashnik, G. 2815
- Potekaeva, M. A. 1656
- Pottier, G. 2537
- Poulain, J. 742, 5723,
5725, 5726, 5727, 6249
- Poupard, L. 333, 1678,
4828, 4847
- Pozharskii, V. K. 5830
- Poznakomkin, S. D. 1003
- Poznańska, H. 1913, 3145
- Pozza, O. 2883
- Pozzuoli, R. 4671
- Pradhan, S. 3386
- Prakash, O. 2518
- Prange, H. 4926
- Prasad, K. D. 5435
- Prasad, M. 6018
- Prata, A. 874, 1658
- Prates-Campos, J. C. 3406
- Pratt, H. D. 6411
- Preš, J. 1470
- Presidente, P. J. A. 4726
- Preston, J. M. 5274
- Preston, P. N. 3773
- Prestwood, A. K. 2322,
2444, 6094, 6202
- Prezioso, U. 4483, 5438,
5439
- Price, C. J. 5975
- Price, J. L. 3910
- Price, W. W. 3997
- Prichard, R. K. 1931,
5303
- Priester, H. 849
- Prioux, B. Le 1486
- Prisich, V. S. 6441
- Probert, A. J. 3258
- Prod'hon, J. 199, 3495,
4439, 5651
- Produnova, R. I. 5553
- Prokhorov, A. F. 3329
- Prokof'eva, N. I. 1512,
2102
- Prokopenko, L. I. 1513,
3356, 4964, 6414
- Prokopić, J. 1140, 2631,
4216, 5040, 5581, 5638
- Prole, J. H. B. 4484
- Pronin, N. M. 106, 636
- Pronina, S. V. 778, 4033
- Proshchenko, L. I. 15
- Prosl, H. 902, 4609
- Prost, M. 4113, 4297,
5972
- Protasova, E. N. 3838
- Prusinski, A. 3146
- Pryadko, E. I. 5428, 6491
- Przyjalkowski, Z. 5226,
5967, 5973
- Ptasiński, J. 2534
- Public Health Laboratory
Service 2846
- Puccini, V. 1675, 1676
- Puciłowska, A. 5966
- Puga, S. 1033
- Pulley, L. T. 2223
- Punnavutti, V. 873
- Punskaš, J. A. 2728
- Punyagupta, S. 4158
- Purcherea, A. 3658
- Purkerson, M. 4200
- Purkerya, A. 3658
- Purohit, B. B. 4967
- Purriel, P. 21, 2847, 5227
- Pursglove, S. R., Jr. 5161
- Purtilo, D. T. 743, 1331,
1792, 5228, 5757
- Pustovoi, I. F. 5106
- Putowska, A. 1642
- Putrali, J. 840, 1514, 2713,
4412
- Pythal, C. 353
- Quaglia, A. 1799
- Queiros, A. C. 2561
- Queiroz, A. C. de 4727
- Queiroz dos Santos, M. A.
5029
- Queiroz, L. de S. 1654
- Quélenneq, G. 3347, 6125
- Quentin, J. C. 200, 975,
1216, 1839, 1840, 3008,
5180

- Quilici, M. 4440
 Quinn, J. R. 3862
 Quiroz, H. 3421, 3422, 3707, 3738, 3774, 3775, 3776, 3790, 3821, 3924, 4275
 Quiroz, M. 959
 Quiroz R., H. 3423, 3424, 3768, 3785, 4298
 Quiroz Romer, H. 3407
 Quiroz Romero, H. 271
 Rabalais, F. C. 828, 1922
 Race, G. J. 4672
 Rachford, F. W. 4546, 5758, 5759, 5927
 Rachkovskaya, I. V. 779
 Rachoñ, K. 3147
 Radanielina, R. 3763
 Radchenko, N. M. 2553, 4069
 Radha, E. 3517
 Radhakrishnan, C. V. 5060
 Radhaw, I. 4547, 4728
 Radinsky, S. 2200
 Radionov, P. V. 1050
 Radoev, V. 3276
 Radulesco, S. 5558
 Radulova, S. 5429
 Radun, F. L. 5834
 Radvan, R. 3777
 Rafii, A. 780
 Ragusa, A. L. 755
 Rahman, A. 584, 918, 1681, 5001
 Rahman, K. M. 5460
 Rahman, M. 2242
 Rahman, S. J. 6135
 Rai, D. N. 3659, 4848
 Rai, P. 344, 456, 565, 4288
 Rai, V. 6288
 Raia, S. 2728, 3795, 4311, 5733
 Raikher, Sh. G. 2103
 Raina, M. K. 191
 Raishchite, D. 1141
 Raishite, D. 1574
 Raistrick, E. R. 548
 Raišytė, D. 1141, 1574
 Raj, R. K. 4299, 4302
 Raja, E. E. 2317
 Rajakumari, K. 2262
 Rajamanickam, C. 4469
 Rajamohanam, K. 4729
 Rajan, A. 2562
 Rajaram, B. 5783
 Rajasekariah, G. R. 612
 Rajendran, E. I. 2874
 Rajiah, A. 4849
 Raju, G. C. 3388
 Raju, V. B. 4968
 Rajulu, G. S. 5783
 Rakhimkarieva, A. Kh. 3936
 Rakhmail, B. A. 3754
 Rakhtdar, A. 864
 Rakhvalova, L. F. 3282
 Rakovec, R. 6102, 6103
 Rall, T. 5739
 Ramachandran, C. P. 1267, 4673
 Ramachandran, M. 5233, 5375
 Ramachandran, P. V. 5017
 Ramahandry, G. 4088
 Ramajo Martin, V. 4017, 4018, 4569, 5002
 Ramalho-Pinto, F. J. 291, 301, 3591
 Ramalingam, K. 1962
 Ramanenko, P. T. 73, 1386
 Ramangalahy, A. J. 3882
 Ramaprasad, A. V. 3906
 Ramazanov, V. T. 1162, 1268, 1311, 1332, 1515, 1866, 3778, 5876, 6404
 Ramchandani, G. S. 1459
 Ramirez Miller, A. 3592
 Ramirez, R. 959, 3695
 Ramishvili, N. D. 3498
 Ramisz, A. 452, 919, 3277, 4374, 5877, 5962, 5966, 5970
 Ramjan Ali, M. 430
 Ramji, B. D. 3381
 Ramos, L. 1028
 Ramos, M. 605
 Ramos Morales, F. 4313
 Ramos, S. F. 3387, 3631
 Ramsden, R. O. 4726
 Rand, H. 3278
 Rande, R. 2397
 Rao, B. V. 165
 Rao, C. K. 1004, 4881, 4967, 4971, 5323
 Rao, D. V. 2261
 Rao, H. S. 4838
 Rao, K. H. 820, 3528
 Rao, K. V. 1895
 Rao, L. K. 3875
 Rao, L. N. 819, 4762
 Rao, P. S. 2262
 Rao, S. L. 157, 5134
 Rao, Y. R. K. 928
 Rao, Y. V. B. 165
 Rao, Y. V. B. G. 4683
 Rappaport, I. 549
 Rashkin, V. A. 1171
 Raso, P. 1491
 Rasolondralavidrazana, P. H. 3883
 Raspopova, E. A. 2104
 Rassa, H. 729
 Rassakazova, T. T. 3540
 Rassi, B., E. 6342
 Rassier, D. S. S. 913
 Rassiga, A. L. 550
 Rassokhin, N. P. 5573
 Rassokhina, N. P. 3047
 Rastogi, K. C. 4971
 Ratovondrahety 4140
 Ratynska-Prill, D. 3593
 Rau, M. E. 74, 3560, 4114, 4159, 5229
 Rauckis, E. 1120, 1387, 6320
 Rauhut, W. 3053
 Rausch, R. L. 3357, 3374, 5347, 5683
 Rautskis, E. 1120, 1387
 Rautskis, E. Yu. 6320
 Ravindranath, M. H. 4170
 Ravkin, V. P. 850
 Ray, D. 4953, 5275
 Ray, D. K. 2519
 Ray, V. A. 5430
 Raybould, J. N. 453, 956
 Raybourne, R. 1870
 Raynal, J. 4411
 Raynaud, J. P. 3948, 4070, 4475, 4730, 6056
 Razafiarison, R. 485
 Razaque, M. A. 5222
 Razmashkin, D. A. 1193
 Razmashkina, A. P. 1172
 Razzakov, Sh. A. 3594, 5230
 Read, C. P. 303, 1955, 2577, 3171
 Read, G. 4261
 Rebeiz, J. 1020
 Rebouças, G. 4731
 Rebouças, I. 3436
 Reckangel, H. 5878
 Rector, D. L. 367, 6369
 Reddy, C. R. R. M. 2261, 2262
 Reddy, D. B. 3388
 Reddy, M. V. 2263
 Redel, U. 4926
 Redington, B. C. 2747, 3128, 4732
 Redington, E. C. 2888
 Redjimi. 3895
 Ree, G. H. 5700
 Reed, J. E. 5975
 Reed, N. D. 1243, 1853, 4650
 Rees, F. G. 690, 6177
 Rees, J. E. 4465

- Rees, P. H. 718, 1645,
3779, 4850, 4851
Refaie, M. R. 3152
Regal, I. 5550
Rehana, R. 5065
Rehbinder, C. 4458, 4733
Reid, I. M. 380
Reid, J. F. S. 867, 5276,
5431, 6043
Reid, W. A. 1930, 3088
Reisenleiter, R. 1452
Reissenweber, N. J. 3663,
3664
Remeikis, A. 1254, 1333,
1367, 4721
Remeikis, A. 4721
Remeikis, A. A. 1926
Remfry, J. 4965
Remillet, M. 5694
Renapurkar, D. M. 1459
Renault, L. 3949
Renshaw, H. W. 5041
Rep, B. H. 1927, 1983,
2309
Reshetnikova, A. V. 637
Restani, R. 1682, 1778,
1791, 1893, 2962, 3137,
3946, 4565
Retamal, C. 3111
Retnasabapathy, A. 53,
4482
Rey, J. L. 2748
Reydellet, M. 5000
Reyn, C. F. von 4969
Reynolds, W. A. 58
Reza, M. 887, 1455
Rezaikina, K. A. 5886
Reznik, G. K. 1963
Reznik, N. P. 5083
Reznik, P. A. 2333
Reznik, V. N. 1397
Rhee, J. K. 2353, 6042
Rhoads, M. L. 2107
Rhodain, F. 5802
Rhodain-Rebourg, F. 5802
Rhodes, P. 1646
Ribeiro, L. O. C. 3432
Ribelin, W. E. 2800
Ricardes, M. I. 226
Ricetti, R. V. 6308
Ricci Bitti, G. 1791
Ricciardi, M. L. 1647,
1648, 1705, 4960
Ricciardi, R. 1269
Rice, E. W. 3974
Richard-Lenoble, D. 1294
Richard, Y. 882, 5379
Richards, C. S. 4674
Richards, P. R. 1729
Richards, R. 5737
Richardson, J. A. 4160
Richardson, L. R. 471,
1580, 5933
Richaud, J. 5784
Richharia, V. S. 4675
Richter, S. H. 2014
Rickard, M. D. 2580,
2622, 3430, 4051, 4465,
5728, 5729
Rico, A. G. 920
Ricour, A. 4640
Ridala, V. 1090
Riddiford, L. M. 4676
Ridgway, S. H. 2321,
3802, 5615, 5617
Ridley, D. S. 1239, 5810
Rier, W. B. 722
Rifaat, M. A. 1270, 2387,
3092
Riggs, R. S. 5228
Rigoli, E. 2128
Rijpsma, A. C. 1653, 4880
Riley, J. 317
Rim, H. J. 2264, 2265,
2492, 2714, 2715, 2716,
2717, 2718, 3256, 3279,
3280, 5879, 5880, 5993,
6019, 6020, 6241, 6343,
6415
Rindi, S. 2621
Rioux, J. A. 3483
Ripert, C. 5554
Ritchie, A. 6000
Ritchie, L. S. 921, 5640
Ritscher, D. 3281
Ritter, C. 2725
Ritter, E. 5968
Ritterson, A. L. 4115
Rivadeneira, A. 2857
Rivas Gómez, A. 3632
Rivera, M. 4313
Rivera-Ortiz, C. I. 4677
Rivero G., A. 2776
Rivière, F. 3495, 5651
Roberson, E. L. 428
Robert, P. H. 647
Roberts, J. M. D. 3779,
4850, 4851
Roberts, L. S. 2606, 5316,
5317, 5749
Roberts, M. 1264, 2516
Roberts, R. J. 991, 1747,
2563, 3148
Robertson, E. 3374
Robertson, W. D. 2320
Robins, R. A. 6252
Robinson, F. R. 4559
Robinson, R. 3953
Robl, M. G. 3635
Robles, C. 3422, 3738,
3768, 3790, 3924
Robson, J. 2458
Rocha, H. 3633
Rockwell, R. 6252
Rödel, W. 409
Rodenghi, F. 1964
Rodhain, F. 1334
Rodhain-Rebourg, F. 1334
Rodinov, P. S. 1194
Rodonaya, T. E. 989
Rodrigues, H. de O. 3998
Rodrigues, L. D. 5865
Rodrigues, S. S. 3998
Rodríguez Ballesté, J.
4501
Rodríguez, F. 2857
Rodríguez-Loeches
Fernández, J. 6021
Rodríguez, M. 22, 1236,
2476
Rodríguez, P. H. 3499
Rogers, L. L. 613
Rogers, R. 252, 781, 2564,
4335, 4336, 4852
Rogers, S. 4332, 6001
Rogers, W. A. 141, 2545
Rogers, W. P. 6309
Rogiers, M. 4300
Rohde, K. 3312
Roi, R. 959
Roitman, V. A. 4929
Rojas, A. 1275
Rojas, G. 1767
Rojas, M. 1472, 4163,
4712
Rojo, M. 2857
Rokicki, J. 1121
Rokossowski, H. 1991
Rolland, A. 782
Rolland, J. 1607
Romanenko, L. N. 470,
2773, 2774, 3321, 5929
Romanenko, N. A. 850,
2105, 3282, 6344
Romanenko, P. T. 4517,
5061
Romaniuk, K. 267, 436,
437, 1928, 2106, 2115,
2116, 4373, 5432
Romano, A. 4966
Romanowski, R. D. 2107,
6260
Romashov, V. A. 1641
Rombert, P. 324
Rombert, P. C. 238, 243,
272
Romboli, B. 1929
Romero, E. 930, 1518
Romero, H. Q. 3407
Romero, M., J. 273
Romero Rodriguez, J.
3427, 4071
Ronald, K. 6492
Ronco, P. 1607
Rondelaud, D. 1142, 5652

- Ronéus, O. 1335
 Roose, A. 1486
 Rosa, W. A. J. 2719, 4842, 6284
 Rose, J. H. 6253
 Rosen, L. 3389
 Rosen, Y. 2266
 Rosenberg, E. B. 3093
 Rosenberg, M. A. 5881
 Rosenfeld, G. 2777
 Rosenfeld, L. E. 5026
 Rosenfield, P. 922
 Rosenkrantz, H. S. 286
 Roshdy, M. Z. 3724
 Rošlan, J. 4373
 Ross, J. F. 6203
 Ross, J. G. 335
 Rossdale, P. D. 4927
 Rosset, J. 858
 Roth, G. E. 2772
 Rothenbacher, H. R. 5658
 Rothstein, M. 2130, 5292, 5293, 5308
 Rothwell, T. L. W. 1271, 1871, 5709, 6254
 Roudabush, R. L. 23
 Rougement, A. 2267
 Rougemont, A. 2720, 2749, 4440, 4962, 5882
 Rouquayrol, M. Z. 2721
 Rous, R. C. 4161
 Roushdy, M. Z. 3780, 4812
 Rousse, A. R. de 273
 Rousset, J. J. 4441
 Roux, J. 2722
 Roux, M. 2268
 Rovere, R. J. 2719
 Reverse, E. A. 358
 Rowe, D. S. 5883
 Rowlands, D. T., Jr. 2509
 Roy, A. 515
 Roy, R. M. 431
 Roy, S. A. 4632
 Royal, W. M. 4994
 Roychowdhury, S. P. 5304, 5433
 Rozhinskas, B. 1336, 1337
 Rozmarynowska, M. 2277, 5969
 Ruberti, R. F. 3149
 Rubertone, J. A. 107
 Rubin, H. 3178
 Rubin, R. 6233
 Rubin, R. H. 1272
 Rubtsov, I. A. 201, 202, 486, 490, 655, 2445, 4072, 4613
 Rubtsova, V. P. 850
 Ruchirawat, S. 3710
 Ruckebusch, Y. 5744
 Rudersdorf, W. J. 1669
 Rudolph, R. 2555
 Rudometova, N. K. 6206
 Ruegamer, W. R. 5764
 Rufi, G. 3030
 Rugemalila, J. B. 4815
 Ruitenber, E. J. 1872, 1873, 2193, 2520, 2521, 3055, 3094, 3331, 3950, 4116, 4678, 4928, 5231, 5918, 6239, 6247, 6255
 Ruitenber, J. 4623
 Rukavina, V. 6416
 Rukhlyadev, D. P. 5469
 Rukhova, A. M. 831, 923
 Rumpus, A. E. 2632
 Rumyantsev, E. A. 318, 4531
 Runge, A. 1593
 Runnikov, V. I. 1158
 Rupasinghe, D. 2194
 Rusak, L. V. 295, 1368, 3654, 5383, 5973, 6384
 Rusak, L. W. 5973
 Rushton, B. 2471
 Russel, S. 1004, 4881
 Russell, R. L. 207, 2155, 3162
 Russell, W. L. 5434
 Russl, S. 5323
 Russo, R. A. 3842
 Ruszel, J. 3390
 Rutherford, D. M. 4996
 Rutter, J. M. 2392, 6152
 Ruziev, Sh. 854
 Ruziev, Sh. M. 3211, 3781
 Ryabova, V. A. 5451
 Ryan, G. E. 5600
 Ryang, Y. S. 2269
 Ryazhenov, N. I. 6417
 Rybalka, V. N. 3782
 Rybaltofskii, O. V. 1561
 Ryboš, M. 1954, 5289, 6225
 Rycke, P. H. de 3165, 3653, 4752, 6301
 Rydzewski, A. K. 239
 Ryšavý, B. 1818, 2373, 4604, 5493, 5681
 Ryskin, E. V. 1273, 1317, 1338, 1562, 3150
 Ryzhikov, K. M. 130, 1585, 3447, 4929
 Saad, S. F. 6418
 Saad, W. A. 6015
 Saba, G. G. 2811
 Sabatini, M. R. A. 3391
 Sabbaghian, H. 505
 Sabharwal, K. K. 4967, 4971
 Sacchi, S. 1610
 Sacdpraseuth, S. N. 4734
 Sachs, R. 2208, 2954, 3542, 3699, 4966
 Sadavongvivad, C. 3710
 Sadighian, A. 506, 851
 Sadovskaya, N. P. 852
 Sadun, E. H. 1930, 3088, 4095, 4732, 5242
 Sadykhov, I. A. 1063, 1965
 Sadykov, A. M. 1444, 1923
 Sadykov, V. M. 870, 1071, 1339, 5277, 5305, 5306
 Sadykova, L. 3253
 Sadykova, L. M. 5277, 5305, 5306
 Saeki, H. 744
 Saenghirun, C. 1290, 4938
 Sáez-Alquezar, A. 2728
 Safonov, N. N. 2015, 6397
 Safronov, I. V. 4794
 Safronov, M. G. 3660
 Sagalovich, V. M. 81
 Saghafi, M. R. 5548
 Saha, S. C. 1207
 Sahai, B. N. 266, 1727, 4284, 5435
 Sahasrabudhe, V. K. 2522
 Sahay, P. N. 3959
 Sahay, U. 6204
 Sahba, G. H. 508, 642, 853, 864, 865, 866, 951
 Saidaliev, T. 5402
 Saidov, Yu. S. 2926
 Saif, M. 3617, 3783
 Saifullov, I. S. 5659, 5884, 5896
 Saimot, G. 3383, 4640
 St. Pierre, H. 5100
 Saito, I. 5025
 Saito, S. 745, 1771, 3009
 Saito, T. 600, 693, 3529
 Saitov, Kh. I. 5348, 5856
 Sajadiéh, V. 1638
 Sajidiman, H. 514, 544, 1029, 3361, 4412
 Sakaguchi, Y. 532, 981, 5644
 Sakamoto, H. 6073
 Sakamoto, K. 158
 Sakamoto, T. 924, 925, 3784
 Sakharova, A. I. 4399
 Sakhnina, Z. M. 638
 Sakumoto, D. 692, 693, 3529
 Sakurai, Y. 5064
 Salam Mia, A. 584
 Salami-Cadoux, M. L. 4897
 Salamov, D. A. 4238
 Salas, L. A. R. 551

- Salata, E. 1024
 Salazar, D. 3785
 Saleh, A. 1307
 Saleh, M. 1041, 3755
 Salem, A. 750
 Salem, E. 3095
 Salem, J. B. 2420
 Salembier, Y. A. 2848
 Saliba, A. M. 761, 4162
 Salimov, B. 854, 1143,
 1163, 1419, 1420, 1516,
 3283
 Salimov, B. S. 1812, 5797
 Salimova, M. 1340, 3613
 Salit, A. M. 6074
 Salmanov, A. A. 114
 Saltos, N. 552
 Sama, S. K. 2726
 Samaan, S. S. 6418
 Samedov, D. A. 3267
 Samedov, G. A. 1091
 Samigullin, R. N. 3249
 Samoiloff, M. R. 5330
 Samoilovich, M. P. 3650
 Sampaio Silva, M. L.
 4017, 4018
 Samsonov, A. V. 553,
 1158, 3392
 Samuel, G. 1205
 Samuel, K. C. 2270
 Samuel, W. M. 585, 4466
 Samuels, W. M. 4995
 Samy, G. 3724
 Sanadi, D. R. 4759
 Sanchez-Acedo, C. 65, 2388

 Sánchez, C. E. 2740
 Sanchez, G. 4313
 Sanchez Revilla, P. 2908
 Sandbach, F. R. 5436
 Sanderson, B. E. 4117
 Sandner, G. 1144
 Sandner, H. 5973
 Sandoval, L. 2857
 Sang, H. T. 2817
 Sangaila, I. 1030
 Sangha, H. K. 5555
 Sanguinethi, V. 2962
 Sanguinetti, V. 1791, 4565
 Sanhueza, H. 958, 959
 Sankalé, M. 5437
 Sano, M. 126, 3441, 4684
 Sano, S. 4992
 Sano, Y. 5710
 Sant-ana, L. 3436
 Sant, M. V. 855, 1459
 Santadvoot, C. 926
 Santana, F. J. 6075
 Santhanakrishnan, B. R.
 3393, 4968
 Santiago, M. A. M. 429,
 561, 1782

 Santoro, F. 5701
 Santos, A. T., Jr. 2751,
 3081, 4434, 5096
 Santos, D. S. 5203
 Santos, F. C. C. dos 5029
 Santos, H. A. dos 4145
 Santos, M. A. M. dos 448
 Santos, M. A. Q. dos 5029
 Santos, M. J. 2751, 5096
 Santos, M. N. 601
 Santos, S. M. 3432
 Santos Teixeira, R. dos.
 4376
 Santuranova, O. A. 3913
 Sanyal, R. K. 4679
 Saowakontha, S. 783
 Sapach, V. K. 5730, 6256
 Sapargel'dyev, M. 1078
 Sapelkin, A. A. 4614
 Sapozhnikov, G. I. 1164,
 5471, 5885, 6345
 Sapunar, J. 554, 784, 2857
 Saran, R. 4679
 Sarashima, T. 2108
 Sarasin, G. 746, 4301,
 4681
 Sargent, R. G. 3284
 Sarkany, I. 6376
 Sarkar, S. K. 4442
 Šarkūnas, V. 1246, 3272
 Sarma, E. N. B. 2261
 Saroso, J. S. 609, 1514,
 5609
 Sarrazin, C. 5000
 Sarti, S. J. 2060
 Sartorelli, P. 1849, 2618
 Sartori, P. 957
 Sasa, M. 927
 Sasi, P. K. 4302
 Sastry, K. N. V. 3786
 Sastry, S. C. 928
 Satir, A. A. 5546
 Sato, K. 389, 5237
 Sato, S. 555
 Satō, T. 2732
 Sato, T. 5297
 Sato, Y. 1716, 1878, 2108,
 3096, 5735
 Satou, Y. 717
 Satti, M. H. 556
 Satubaldin, Kh. S. 1517,
 3010
 Satyendran, O. M. 2263
 Sauerländer, R. 577, 1772,
 6136
 Sauerman, D. M., Jr. 2942
 Saunders, G. C. 3595
 Saupe, E. 602, 5919
 Savchenko, L. P. 929,
 1649, 5886
 Savchuk, N. A. 1341
 Savchuk, O. E. 1341

 Savel'ev, V. D. 2955
 Savigny, D. H. de 1874,
 4680
 Savini, L. 3771
 Savinov, V. V. 4539
 Savory, A. M. 3284
 Sawada, I. 5048, 5152
 Sawyer, J. C. 3193
 Sawyer, R. T. 983, 4907,
 5934, 6478
 Saxe, N. 1031
 Saxena, A. 4615
 Saxena, H. 2270, 3873
 Saxena, K. N. 1650
 Saxena, S. 5279
 Saxena, S. K. 4590
 Sayed Fahmy El-Shenawy
 3634
 Sayed, R. I. 5679
 Sayed, S. M. 2394
 Sayin, F. 4989
 Saz, H. J. 2723, 6303
 Sazanov, A. M. 3596,
 5094, 5135, 5920
 Sazhina, T. V. 336
 Scapin, M. 1274, 5731,
 6257
 Scatena, L. 557
 Schacher, J. F. 203
 Schad, G. A. 4788
 Schaeffer, M. 1602
 Schafranski, N. L. 5481
 Schalie, H. Van der 2370,
 4574, 4789, 6165
 Schalm, O. W. 54, 2724
 Schanbacher, L. M. 4632
 Schantz, P. M. 21, 213,
 1204, 2100, 2523, 2847,
 3097, 3112, 4483, 4969,
 5438, 5439
 Scharf, W. C. 1159
 Scheerboom, J. E. M.
 1798, 1813
 Scheiber, P. 3824, 3825,
 3826, 5921
 Schell, S. C. 159, 2760
 Schenone, H. 668, 930,
 958, 959, 1275, 1518,
 3787, 5760
 Schetman, D. 5767
 Scheuring, W. 1519
 Scheurmann, E. 1718
 Schey, G. 3360
 Schiefer, B. A. 3128
 Schiefke, R. 3646
 Schiller, E. L. 302
 Schillhorn Van Veen, K.
 6214
 Schillhorn Van Veen, T.
 2209, 2310, 3635, 3788,
 3937
 Schiltz, R. A. 2031

- Schlotfeldt, H. J. 5074
 Schmidt, G. D. 1819,
 1824, 1825, 2436, 3011
 Schmidt, H. 5045
 Schmidt, R. E. 791
 Schmidt, T. 6154
 Schmidt-Treptow, W. A.
 2271
 Schmidt, V. 5049
 Schmied, L. M. 3789,
 6419
 Schnadig, V. 3402
 Schnaidmiller, A. P. 45
 Schneider, C. R. 1413,
 6137
 Schneider, F. 1520
 Schneider, I. J. 549
 Schnitzler, S. 1875
 Schnurribusch, U. 4268,
 4303
 Schnurrenberger, P. R.
 4919
 Schock, R. C. 5761, 5887,
 5888
 Schoenbechler, M. J. 1218
 Scholl, P. 1539, 5448
 Scholten, T. 1651, 3394,
 3404, 4443
 Scholten, T. H. 960
 Scholtens, R. G. 4391
 Scholtyseck, E. 5177
 Schönenberger, N. 5154
 Schönfuss, G. 4949
 Schons, J. A. B. 429
 Schrenkenbach, K. 4304
 Schröder, H. D. 2887
 Schrötter, E. 3739
 Schultz, I. 5769
 Schultz, M. G. 2850,
 4406, 4969
 Schulz-Key, H. 1051,
 2761, 2876, 5582
 Schupach, R. D. 2289
 Schüppel, K. F. 4949
 Schuster, J. 1937
 Schutte, C. H. J. 1145,
 1195
 Schütze, H. R. 1730, 5260
 Schwab, J. H. 2524
 Schwabe, C. W. 3193
 Schwartz, A. 2311
 Schwartz, H. J. 3028
 Schwartz, L. D. 4853
 Schwarz, D. 4292
 Schwarz, G. 2705
 Schweisgut, I. 5511
 Scofield, A. M. 785, 3151
 Scott, D. S. 5819
 Scott, D. W. 1521
 Scott, H. L. 4100
 Scott, J. S. 1122, 1748
 Scott, W. A. 6084
 Seagrave, J. D. 3827
 Seah, S. K. K. 1076, 3963
 Sebai, Z. A. 2851
 Sebesteny, A. 4502
 Seed, J. H. 3696
 Seeley, D. C., Jr. 5637
 Seemayer, T. A. 3874,
 4937
 Seese, F. M. 5232
 Seeyave, J. 940
 Segal, S. 2238
 Segall, S. 2641
 Segre, D. 3022
 Seguin, D. 5121
 Seidel, J. S. 2615, 3313
 Seidel, M. C. 4854
 Seifert, S. 4303
 Signalet, C. 4709
 Seirsén, K. 2643
 Seki, N. 596, 639, 1749,
 1750
 Sekikawa, H. 1878
 Selby, G. R. 240, 4126
 Selikhova, O. V. 2736
 Selim, M. K. 1043, 1052
 Selim, N. I. 3722
 Selivanova, A. S. 4305,
 4855, 4856, 4857, 4858,
 5889
 Selivanova, N. V. 1397
 Sellin, B. 2722
 Selman, I. E. 754, 867,
 4134, 4697, 6043
 Selyukov, V. P. 5846
 Semenov, O. Yu. 3500,
 3677
 Semenov, V. A. 5440
 Semenova, M. K. 1569,
 1575
 Semenova, T. K. 1570
 Semenova, V. B. 6349
 Semlow, A. 3395
 Semov, V. N. 2314
 Sen, A. B. 4310
 Sen, H. G. 5890
 Sen, J. K. 1639
 Senf, W. 6067
 Senft, A. W. 1958, 2685,
 5441
 Senft, D. G. 1958
 Sengbusch, H. G. 2852
 Sengupta, S. R. 5988
 Seniuta, R. 3179, 4375,
 5307, 5961
 Sennelier, J. 3948
 Senutaité, J. 1369, 1370,
 5712
 Senutaité, Ya. 1369, 5712
 Senutaité, Ya. Yu. 1370
 Senyia, P. 3964
 Senytsya, P. 3964
 Seo, B. S. 405, 2272, 2295,
 2367, 2368, 2374, 2446,
 2633, 2701, 2702, 2819,
 5556, 6107, 6138, 6346
 Sepehr, S. 845
 Sepúlveda, R. 3111
 Serdyukov, A. M. 697
 Sergeev, V. P. 6375
 Sergeeva, T. P. 1092
 Sergienko, M. I. 1421
 Serran, E. 3422
 Serrano, E. 3790
 Serres, F. J. de 5422, 5442
 Seryczyńska, H. 1146,
 1856, 4735
 Setasuban, P. 710, 4616,
 5349, 5601
 Sette, H., Jr. 2728, 3795,
 4311, 5733
 Setty, D. R. L. 4838
 Seureau, C. 975
 Severov, A. S. 1171
 Severov, A. V. 1505
 Seviour, C. 3869
 Sewell, M. M. H. 1559,
 2463, 2525, 2526
 Sey, O. 2328, 5062, 5679
 Seymour, W. G. 2888
 Shabaev, V. A. 1783
 Shablovskaya, E. A. 856
 Shadrina, L. V. 3938,
 5428
 Shah, P. K. 565
 Shahlapour, A. 4267
 Shahveyssi 952
 Shaikh, H. 430
 Shaikhutdinova, K. M.
 1328
 Shaikov, A. D. 1
 Shaker, A. 4873, 5762
 Shaker, Z. A. 3561
 Shakhmatova, V. I. 1569,
 1570
 Shakhshavarli, M. A. 3253
 Shakiev, E. 1683
 Shakiev, E. Sh. 1522, 4467
 Shakir, M. H. 3617
 Shakurova, F. M. 3597
 Shalabaev, G. A. 5443
 Shalaby, F. Y. 261, 3131
 Shalaby, M. A. 1308
 Shaldybin, L. S. 1713
 Shalimova, A. N. 3448
 Shalyapina, V. I. 616
 Shamkhalov, V. M. 6386
 Shamraeva, G. V. 5891
 Shamraï, O. V. 558, 1422
 Shanta, C. S. 24, 75
 Shao, L. 5665
 Shaova, N. D. 3463
 Shapiro, I. L. 2597
 Shapkarev, I. A. 3843

- Shapkina, A. P. 3396
 Shapolatov, Zh. 5004,
 5005, 5278
 Shapolatov, Zh. Sh. 5003,
 5009, 5011
 Shapulatov, K. 5004, 5005
 Sharaf, A. A. 1309, 3285,
 3791, 3792
 Sharenko, P. A. 4306
 Sharkunas, V. 1246, 3272
 Sharma, A. N. 2853
 Sharma, H. K. 5308
 Sharma, H. N. 1684
 Sharma, M. I. D. 6135
 Sharma, M. P. 2726
 Sharma, P. K. 5309
 Sharma, P. N. 805, 6310
 Sharma, R. D. 2853
 Sharma, R. K. 5309
 Sharma, S. 2109
 Sharma, S. C. 5233
 Sharma, S. K. 1650, 5653
 Sharma, U. 5279
 Sharova, K. P. 4359
 Sharp, M. L. 2031, 4831
 Sharpilo, L. D. 711, 1196,
 3212, 3442, 3443
 Sharpilo, V. P. 1196,
 4057, 4069
 Shashlova, O. N. 5886,
 5892
 Shaw, J. R. 2616, 3568
 Shawket, T. N. 2273
 Shayakhmetov, S. M. 931,
 932, 933, 1436, 2110
 Shcherban', N. P. 1523
 Shcherbina, T. V. 4049
 Shedivtsova, A. 5893
 Shehata, A. 4137
 Sheiba, B. Kh. A. 4468
 Sheikh, A. S. 3234
 Sheikov, N. 4864
 Sheir, Z. M. 3152
 Shekhovtsov, V. S. 233,
 1276, 1510, 1511, 1524,
 3098, 5875, 6055
 Shelley, A. 5816
 Shelley, A. J. 25, 5816
 Shelley, R. M. 5934
 Shelton, M. 352
 Shen, J. W. 1187
 Shen, L. P. 1554
 Shen, P. K. 5665
 Shengeliya, G. M. 1652
 Shepherd, C. J. 991
 Sher, A. 718, 1277, 1278,
 4654
 Sheridan, J. P. 1706
 Sheridan, R. E. 2155
 Sherlock, S. 6376
 Sherman, W. A. 2891
 Shestak, È. A. 1371, 5785,
 5786
 Shevareva, R. G. 1157
 Shevchenko, L. L. 786
 Shevchenko, N. N. 3501
 Shevchuk, F. V. 2095
 Shevtsov, A. A. 1093,
 1102, 1525, 4306
 Shiang, H. 4308
 Shiang, H. L. 4307
 Shibalich, S. 4309
 Shien, Y. S. 934
 Shiff, C. J. 935, 6258
 Shigin, A. A. 1123, 3678,
 3999
 Shigina, N. G. 3513, 5115
 Shih, C. C. 3714
 Shim Chuan-Lung 2738
 Shim, H. S. 5993, 6340
 Shim, U. T. 2645
 Shimada, Y. 571, 969,
 970, 1912
 Shimakoshi, Y. 607
 Shimao, T. 2175
 Shimazu, T. 949, 1773,
 1774, 2433, 2977, 5095
 Shimizu, M. 652, 1072
 Shimkunene, B. 1279,
 1280, 3598, 3599, 4630
 Shimp, R. G. 1876
 Shimunek, Ya. 3793
 Shimura, K. 6259
 Shin, D. H. 6100, 6107
 Shin, D. W. 5628
 Shino, M. 2727
 Shiota, T. 571
 Shiozawa, M. 5280
 Shirai, W. 2568, 6285
 Shiraishi, S. 5868
 Shiraki, T. 717, 1716
 Shiratsuchi, M. S. 3794
 Shiroma, M. 5660
 Shirvinskas, Yu. 1221,
 3020, 3549, 3550, 4626
 Shishov, B. A. 1969
 Shishova-Kasatochkina, O.
 A. 4201, 5301
 Shiskov, V. P. 4929
 Shlikas, A. 4653
 Shlikas, A. V. 3153
 Shlom, J. M. 984
 Shmytova, G. Ya. 258
 Shnaïdmiller, A. P. 6057
 Shoeb, S. M. 3725
 Shoho, C. 712, 713, 3542,
 4910
 Shoji, H. 2565
 Shol', V. A. 976, 4030,
 5583
 Shomakhov, A. O. 5871,
 6420
 Shookhoff, H. B. 3397
 Shope, R. E. 4924
 Short, R. B. 691, 5310,
 6178
 Shotter, R. A. 4776
 Shouman, T. 1041
 Shpil'ko, V. N. 474, 507
 Shrivastava, S. 1811, 2419
 Shrivastava, V. B. 2519
 Shubaderov, V. Ya. 586,
 5153
 Shukla, S. S. 431
 Shul'man, B. S. 101
 Shul'man, E. S. 559, 3756,
 5427, 5894
 Shulman, E. S. 5965
 Shul'ts, R. S. 1281, 1526,
 5732
 Shulyak, V. D. 2679
 Shumakovich, E. E. 2195,
 4239, 5584, 5585, 5895,
 5896, 5903
 Shumilo, R. P. 669, 1003,
 4970
 Shun, Z. A. 3305
 Shur, N. A. 1995
 Shustov, A. I. 2016, 4000
 Shute, P. G. 2274
 Shvets, O. S. 5466
 Shvetsova, L. S. 4518
 Shvyrev, G. I. 2877
 Shyamasundari, K. 820
 Šibal, R. N. 560
 Šibalić, S. 4309, 6421
 Sibbick, R. 4809
 Sicam, V. 5624
 Siddhu, C. M. S. 3231
 Siddiqi, A. H. 2617, 3665,
 4199
 Siddiqui, M. A. 2318
 Siddiqui, S. A. 4310
 Sidky, M. M. 4247
 Sidorov, E. G. 2375, 4240
 Siebeke, F. 4451
 Sieber, S. M. 5897
 Sigacheva-Sinyukova, Yu.
 P. 5898
 Sigacheva, Yu. P. 6422,
 6440
 Sikachina, V. I. 2698,
 5857
 Silakova, L. N. 1372
 Silberman, M. S. 4859
 Sillau, H. 4163
 Silva, C. da 4311
 Silva, G. R. da 5733
 Silva, J. M. 1501
 Silva, L. C. da 2728, 3795,
 5207, 5733
 Silveira, L. T. P. da 561
 Silverman, P. H. 4100
 Simanjuntak, C. H. 2280
 Simionescu, O. 4923

- Šimkūnienė, B. 1279, 1280.
3598, 3599, 4630
- Simmons, D. J. C. 2530
- Simões, M. 120, 121, 448,
454
- Simon, M. 1261, 4723
- Simon Vicente, F. 4017,
4018, 4569, 5002
- Simonis, T. 1964, 2618
- Simonov, A. P. 5899,
5900, 5901, 5907, 5908
- Simonova, V. F. 837, 1423
- Simpkin, K. G. 2585
- Simpson, C. F. 1342
- Simpson, D. I. H. 2017
- Simpson, M. G. 2376,
4564
- Šimunek, J. 3793
- Sinclair, I. J. 2527
- Sinclair, K. B. 1931, 2528
- Sinclair, S. P. 6148
- Şindilaru, E. 2395
- Singh, A. N. 4791
- Singh, B. 2869, 4146
- Singh, H. K. 3911, 4679
- Singh, K. 5309
- Singh, K. N. 3386
- Singh, M. 1081, 1883,
3969, 4219
- Singh, M. M. 1650
- Singh, P. 560
- Singh, R. V. 524
- Singh, S. N. 2270
- Singh, Y. P. 3812
- Singhal, K. C. 3796
- Singson, C. N. 4312
- Sinha, A. K. 4284
- Sinha, B. K. 1527
- Sinha, B. N. 787
- Sinha, C. D. P. 2389
- Sinha, D. P. 2389, 3661,
4763
- Sinha, R. K. 4679
- Sinha, S. N. 787
- Sinovich, L. I. 670
- Sinovich, T. I. 2956
- Siński, E. 246, 1877, 4164,
5734
- Siongok, T. K. A. 5281
- Sipko, L. L. 2927
- Sippel, J. 6150
- Siqueira, M. W. 1633
- Siracusano, A. 1843
- Siri, A. M. 3663, 3664
- Sirol, J. 3606
- Sirvinskas, Y. 3020
- Širvinskas, Y. 3549, 3550,
4626
- Sisk, D. B. 34
- Sismeev, V. P. 1343, 1344,
1345, 1346
- Sisodia, C. S. 1528
- Šišova-Kasatočkina, O. A.
4201
- Sitnyakovskaya, N. Sh.
1102
- Sittlerd, S. 1413
- Sivanandam, S. 4549, 5042
- Sivchenko, R. A. 1373
- Sixl, W. 1777
- Skarednov, N. I. 279,
1173
- Skiba, W. 2566, 2845
- Skibińska-Radzikowska, T.
2241
- Skidan, V. M. 6423
- Skinner, R. 3016
- Skorczyński, M. 5962
- Skorokhodov, V. D. 4987
- Skovgaard, A. N. 2750
- Skowerska, M. 2234
- Skripchenko, Z. G. 3464
- Skripka, L. I. 1529, 1530,
1531
- Skryabin, A. S. 1814,
2898, 2899
- Skryabina, E. S. 4929
- Skrzypińska, K. 20, 2055
- Skupchenko, K. V. 2854
- Skutar', I. G. 977
- Škvortsov, V. G. 1003
- Ślais, J. 3530, 3636, 3912,
3939, 5684
- Slepnev, N. K. 603, 1692,
2729, 4486, 4557
- Šlikas, A. 3153, 4653
- Slipchenko, N. S. 4038
- Slocombe, J. O. D. 3286,
4558, 6030
- Slonka, G. 1264
- Slonka, G. F. 6148
- Sluiters, J. F. 1756, 1768,
3950
- Ślusarski, W. 475, 2534,
5945, 5946, 5947, 5948,
5950
- Slyusarev, A. A. 1343,
1344, 1345, 1346, 1374
- Small, E. 5030
- Smart, J. 3286
- Smart, K. E. 4823
- Smetanina, Z. B. 1731,
4519
- Sminia, T. 1768, 1802
- Smirnov, A. G. 3154,
5350
- Smirnov, A. V. 3398
- Smirnova, K. V. 2018,
6112
- Smirnova, Z. M. 3282
- Smit, A. M. 1653
- Smith, B. F. 4756, 6221
- Smith, C. E. G. 936, 2019
- Smith, H. J. 6058, 6311
- Smith, H. V. 5234
- Smith, J. B. 54
- Smith, J. H. 4736
- Smith, J. M. 825, 2447,
3543
- Smith, J. W. 2391
- Smith, K. 4882
- Smith, L. P. 337
- Smith, M. 4202
- Smith, M. A. 241
- Smith, S. M. 6203
- Smith, T. K. 1867
- Smith, W. S. 41
- Smithanonda, S. 5182
- Smithers, S. R. 1278,
4654, 5235
- Smogorzhevskaya, L. A.
1094, 1095, 3448
- Smolinski, M. 5964
- Smychkov, A. S. 2072,
2730
- Smyth, J. D. 821, 1375,
2288, 4245, 4744
- Snieszko, S. F. 6113
- Snijders, A. J. 5401, 5444
- Snijders, C. J. 4321
- Snikhovskii, I. T. 850
- Šnobl, A. 5922
- Snoijink, J. J. 1231, 1847
- Snoj, N. 6102, 6103
- Snow, J. 171
- Snyderman, R. 5426
- Soares, D. 3287
- Sobański, S. 4373
- Sobari, S. 5935
- Sobenina, G. G. 6312
- Sobiech, T. 1586
- Sobieszewski, K. 223, 368,
1458, 4373, 4374
- Soboleva, Ė. L. 3288
- Soboleva, T. N. 1784,
5482
- Sobral, D. T. 762
- Sobrero, L. 1675, 1676,
6044, 6045, 6046, 6047
- Società Italiana di
Parassitologia 2196
- Sogayar, M. I. T. L. 1024
- Sogayar, R. 1024
- Soh, C. T. 2249, 2275,
2377, 2390, 2453, 2467,
2694, 3255, 3289, 3290,
5719, 6209, 6218, 6238,
6324
- Sohi, B. K. 3399
- Sohn, J. R. 5990
- Soifer, F. K. 5602
- Sokhor, L. E. 6385

- Sokolina, F. M. 123, 978, 4050
 Sokolov, N. A. 6024
 Sokolov, P. M. 3291
 Sokolov, V. A. 168, 2073
 Sokolov, Z. K. 4720
 Sokolova, I. B. 3913, 4224
 Sokolovskaya, O. M. 3069
 Sokółowska, O. M. 5963
 Solanki, S. V. 4444
 Soldatenko, T. A. 1341
 Solhøy, T. 752
 Soliman, M. S. 5866
 Solińska, K. 1862
 Sollers-Riedel, H. 2378, 2379, 2380, 4548
 Solomon, G. B. 1870
 Solomon, P. 4923, 5558
 Solonchenko, A. I. 1751
 Solonenko, I. G. 5839, 6406
 Sołtyś, A. 1147
 Solyanik, F. T. 3680
 Somasundaram, M. 4469
 Sominskii, Z. F. 5445
 Sommer, W. 2111
 Sommerville, R. I. 2619, 6313
 Son, S. W. 2354
 Sone, F. 942
 Sonca, S. 5737
 Song, C. Y. 75, 6022, 6138, 6139
 Song, D. O. 6005
 Song, H. J. 6005
 Song, S. B. 2276, 2620, 6023
 Song, S. D. 2265, 2714, 2717, 3256, 3280, 6241, 6415
 Song Yuzhi 2360
 Sonin, M. D. 2197
 Sonnenschein, E. 3402
 Sonobe, O. 4337
 Sonozaki, H. 4690
 Sood, M. L. 4073, 4499, 5107, 5272, 5351, 6080
 Sood, P. P. 1359
 Soota, T. D. 204, 5063, 5108, 5181
 Soprunov, F. F. 3643
 Soprunova, N. Ya. 5114
 Sorice, F. 4118
 Soroczan, W. 2741, 4764
 Soroka, V. R. 803, 1343, 1344, 1345, 1346, 1374
 Sorokin, G. L. 4860
 Sorokina, E. V. 212
 Sosa, N. N. 2057
 Sosipatrov, G. V. 1932, 5585, 5896, 6059, 6060
 Sosipatrova, L. A. 3155
 Šoti, J. 2328, 5062
 Sotolongo Guerra, F. 4911
 Sotomayor, Z. R. 4313
 Soubeyrand, C. 4445
 Soulé, C. 3301, 3926
 Soulsby, E. J. 5236
 Soulsby, E. J. L. 736, 2498, 2512, 2801, 3600, 3607, 4086, 4119, 4694, 4788, 5188, 5217, 5525
 Sous', S. M. 108, 2927
 Sousa, O. E. 5557
 South Africa, Agricultural Technical Services 6499
 South Australia, Institute of Medical and Veterinary Science 3353
 Southcott, W. H. 5352, 5413
 Southgate, B. A. 2154, 3824, 3825, 3826, 4228, 5921
 Southgate, V. R. 1148, 1197, 5353
 Souza, C. A. M. de 771
 Souza, C. P. 2691
 Souza, J. B. de, 3591
 Souza, M. P. de 2721
 Souza Queiroz, L. de 1654
 Sova, Yu. F. 626
 Sova, Z. 3298
 Sowa, J. 1563
 Śowa, S. C. I. 1563
 Špaldonová, R. 216, 1478, 2686, 3038, 3099, 4635
 Sparboe, O. 752
 Sparks, A. K. 6220
 Sparks, H. A. 3731
 Spasskaya, L. 2986
 Spasskaya, L. L. 2435
 Spasskii, A. A. 622, 656, 1003, 1397, 2434, 2435, 4970
 Spassky, A. A. 2986
 Spaulding, G. L. 1532
 Specian, R. D. 4617
 Speckmann, G. 6207
 Spencer, F. M. 5976
 Spermezan, T. 3233
 Spillmann, R. K. 2855
 Spina, G. 1964
 Splitter, G. A. 4135
 Spönenberg, P. 6068
 Sponholtz, G. M. 5310
 Spratling, B. M. 2293
 Spratt, D. M. 979
 Springer, J. A. 5392
 Springer, M. D. 43
 Squadrone, A. 361
 Srebrodol'skaya, N. I. 1732
 Sreekumaran, P. 1347
 Sridhar, C. R. 3879
 Sriratanaban, A. 2856
 Srivastava, C. B. 204, 5063, 5136, 5137
 Srivastava, G. C. 5787
 Srivastava, M. 1966, 4203, 5311, 5312, 5313, 5314
 Srivastava, S. K. 4957
 Sroczyński, J. 1933, 1934
 Srolovitz, H. 5767
 Sruoga, A. 1221, 3550, 4626
 Stachowski, B. 3130, 3133, 4148
 Stadnichenko, A. P. 657, 2944
 Stafford, E. E. 2137, 4110
 Staiti, A. 1269
 Stammers, B. M. 937, 2138, 3797
 Standard, K. L. 542
 Stanev, S. 432, 4314
 Stankevichyus, G. 1282
 Stankevichyus, V. 1165, 1166, 1167
 Stankevičius, H. 1166, 1167, 1282, 3272
 Stankevičius, V. 1165, 6347
 Stankiewicz, M. 3100, 3601, 4120, 4121, 5963, 5966, 5970
 Stankov, M. 1283
 Stankyavichyus, G. 3272
 Stankyavichyus, V. V. 6347
 Stanley, N. F. 2020, 3863
 Stanuszek, S. 205, 5973
 Starikov, I. P. 59
 Starke, W. R. 3637
 Starling, J. A. 3662, 4765
 Stašaitis, J. 1484
 Stashaitis, Yu. 1484
 Staugaityene, O. 1013
 Steele, J. H. 4241
 Steerenberg, P. A. 1873, 2520, 2521, 3094, 4678, 5231
 Stefani, H. N. V. 3794
 Stefanov, G. 3400
 Stefanov, S. 3800
 Stefanova, M. 4250
 Steffan, J. 5970
 Steger, G. 4480, 5105
 Stehlik, A. 1655, 2041
 Steiner, R. 2560
 Stenger, R. J. 3798
 Stepanov, A. V. 1230, 3101
 Stepenko, A. S. 3756
 Stephan, E. 1020

- Stephanoff, S. 2112
 Stephens, W. B. 3915
 Stephens, W. H. 2878
 Stern, L. 6114
 Sterne, N. 3602
 Stevenson, P. 4484
 Stewart, J. B. 3637
 Stewart, T. B. 2881, 3138, 5354
 Stibbs, H. H. 5315
 Stiles, A. R. 4822
 Stiles, G. 5076
 Stiller, D. 4549
 Stitnimankarn, T. 2859
 Stoessel, M. 402
 Stoffman, A. E. 5446
 Stohler, H. R. 433
 Stoican, E. 131, 938
 Stoimenoff, K. 2112
 Stoimenov, K. 1533, 3799, 3800, 4861, 5763
 Stokoe, J. 4809
 Stokstad, E. L. R. 451, 3177, 6305
 Stone, A. R. 2742
 Stone, W. M. 5354
 Stookey, J. L. 5175
 Stoppani, B. 1695, 1696
 Storey, D. M. 3901
 Stork, W. J. 2216
 Stoyanova, S. 6424
 Stoye, M. 3697
 Stradowski, M. 4217, 5966, 5970
 Strano, A. J. 6220
 Stranock, S. D. 1181, 5118
 Strasser, H. 5447
 Strassmann, P. 3795
 Strassmann, P. G. 5733
 Straub, I. F. 455
 Strazhnik, L. V. 1376, 3649
 Strebler, G. 1388
 Streitel, R. H. 5603
 Strejan, G. H. 3102
 Strel'chik, V. A. 1174, 1838, 2712
 Stretton, A. O. W. 6205
 Strickland, G. T. 5535
 Striebel, H. P. 746, 4681
 Strikhanova, E. V. 3332, 6024
 Strinadkin, P. S. 4801
 Strnad, R. 4952
 Stroczyńska, M. 5969
 Stromberg, P. C. 1424, 2021
 Stromskaya, T. F. 3612
 Strukova, A. G. 5886
 Struoga, A. 3020
 Strykowski, H. 5737
 Stuart, P. 6000
 Stubbings, D. P. 6425
 Studensov, Yu. K. 1312, 1348, 2515
 Studnicka, M. 4375
 Stührberg, E. 2879
 Stump, F. J. 5015
 Stunkard, H. W. 2784, 3314, 4343, 4344, 5680, 6467
 Stunkard, J. A. 4559
 Sturman, G. 3176, 5302
 Sturrock, R. F. 718, 939, 940, 6065, 6140
 Su, C. S. 3880
 Su, L. 1415
 Subbaram, M. R. 4849
 Subra, R. 3698
 Subrahmanyam, D. 4682, 4683
 Subrahmanyam, D. V. 2799
 Subramanian, A. C. 4027
 Sucharit, S. 4446, 4802, 5182, 5470
 Suchowiak, J. 2041
 Sudak, N. K. 2953
 Sudarikov, V. E. 3678
 Sudhaus, W. 5183
 Sudomo, M. 840, 4242
 Suenaga, O. 5817
 Sukanuma, Y. 386
 Suguri, S. 692, 693, 3529
 Sukha, N. N. 1062
 Sukhenko, G. E. 2113
 Sukhova, M. N. 5833
 Sukkar, M. Y. 6268
 Suladze, L. F. 4618
 Sulaev, M. A. 5902
 Sullahian, A. 176, 4710
 Suleïmanova, M. I. 398
 Suleïmenova, F. Zh. 3622
 Sulgostowska, T. 1708, 2945
 Sulimov, A. D. 1389, 1785, 1786, 1787
 Sullivan, C. E. 5773
 Sullivan, J. J. 60, 4345
 Sullivan, J. R. 2421
 Sullivan, J. T. 880, 4862
 Sulston, J. 1967
 Sultanaeva, E. A. 3249
 Sultankulov, T. D. 427, 1055, 1056, 1534
 Sultanov, M. A. 1034, 2957, 3989, 5977
 Sultanova, R. B. 4305
 Sulzer, A. J. 239
 Sumano, A. E. R. 3407
 Sumanov, V. B. 941, 2022, 2114, 3425, 4243
 Sumi, K. 2732
 Sun, C. N. 1789
 Sundara Rajulu, G. 5783
 Sundaram, R. K. 353, 4587
 Sundaram, R. M. 4881
 Sung, H. T. 592
 Sung, Y. C. 1149
 Sung, Y. L. 1416, 2646
 Supryaga, A. M. 1425
 Supryaga, V. G. 1096, 1426, 4883
 Surgan, M. H. 5316, 5317
 Surma, F. 5877
 Susharnik, A. S. 4447
 Susin, M. 3633
 Suslov, I. M. 3103
 Süsse, H. J. 3940
 Suteu, E. 2963
 Sutherland, I. H. 5590
 Sutherland, R. J. 4996
 Sutyagin, V. S. 793
 Suvorov, P. S. 1074
 Suzuki, K. 535
 Suzuki, M. 816
 Suzuki, N. 126
 Suzuki, S. 4420
 Suzuki, T. 562, 563, 709, 717, 894, 942, 1878, 3034, 3096, 5735
 Suzuki, Y. 4046
 Svet-Moldavskii, G. Ya. 212, 678
 Svetlavichene, L. 1535, 1536, 3801, 5712
 Svetlavičienė, L. 1535, 1536, 3801, 5712
 Sviridova, V. A. 5886
 Svobonas, Z. 1440
 Swamy, G. M. N. 2261
 Swan, K. G. 1930
 Swartzwelder, J. C. 4249
 Sweeney, J. C. 274, 2321, 3802
 Sweeny, W. T. 4831
 Sweeting, R. 6468
 Swiderski, Z. 2770, 2775, 4352, 5154
 Swierstra, D. 4555
 Świetlikowski, M. 242, 1879, 5965, 5971
 Świtalska-Kowalewska, E. 3371
 Sykes, A. R. 2541, 3156, 6286
 Sykes, W. E. 4465
 Sylla, S. 6267
 Sylva, G. B. da 2720
 Symons, L. E. A. 768, 3638, 4165, 6048
 Syrgabajewa, Z. R. 5967
 Sysoev, I. V. 5054, 5055, 5056, 5057, 5058, 5263, 5326, 5622, 5800

- Sysoeva, I. V. 5622
 Sysoeva, T. V. 5054, 5055,
 5056, 5057, 5058, 5326
 Sytilina, L. A. 3830
 Szabo, T. 4307
 Szadkowska, M. 1914
 Szaflarski, J. 3106
 Szańkowska, Z. 5962
 Szczygiel, B. 2567
 Székely, R. 784, 2857
 Szél, G. 447
 Szelażewicz-Czosnek, M.
 2116, 4375
 Szelażewicz, M. 5971
 Szelenbaum, D. 4056
 Szente, A. 433
 Szepelski, L. 658, 5965,
 5971
 Szidat, L. 4353
 Sztojkovné, M. M. 388
 Szulman, E. S. 5965
 Szuperski, T. 2106
 Szyfres, B. 2734
 Szyguła, M. 3106
 Szymacha, E. 1655
 Tabata, K. 595
 Tada, I. 532, 980, 981
 Tada, T. 4684
 Tada, Y. 535, 596, 610,
 1714, 1715
 Tadano, M. 982
 Tadano, Y. 982
 Tadić, M. 4479
 Tadros, G. 4585
 Taffs, L. F. 2731, 3803,
 5043, 6426
 Taft, S. J. 4898
 Tagade, A. M. 2409
 Tager-Kagan, P. 1408,
 2790
 Taha, R. M. 4247
 Tai, A. Y. 1149
 Tailliez, R. 5699
 Taira, N. 961, 1968
 Takada, N. 832, 2120
 Takada, S. 713, 5184
 Takahashi, J. 5237
 Takahashi, T. 5604
 Takano, N. 1912
 Takao, Y. 5868
 Takaoka, H. 532
 Takaoka, M. 3603
 Takasaka, M. 14
 Takáts, C. 434
 Takeda, R. 2120
 Takei, T. 5064
 Takemoto, Y. 564, 2278
 Takeyama, S. 5252, 5253
 Takihara, M. 4973, 4974
 Taksas, L. 1528
 Talanov, G. A. 6417
 Talar, J. 1916
 Talesara, C. L. 2162
 Talukdar, C. K. 4953
 Tamara, F. 5762
 Tamás-Rovó, J. 435
 Tamazawa, Y. 535
 Tamiji, Y. 4267
 Tamm, O. M. 1537
 Tampieri, M. P. 2296
 Tamura, S. 5604
 Tan, K. L. 4622
 Tanaka, H. 125, 2751,
 3081, 3603, 4434, 5096
 Tanaka, S. 2732
 Tanasov, G. N. 2733,
 6427
 Taneja, M. D. 4971
 Tani, S. 563, 894
 Taniguchi, M. 2568
 Taniguchi, R. 4992
 Tanner, C. E. 221, 3573,
 3604, 4079, 4093, 4101,
 4114, 4159, 4627, 5212,
 5229
 Tanraev, A. D. 2023, 5903
 Tantalean, M. 2928
 Tantalean V., M. 1984
 Tantaleán, V. M. 2381
 Tarakanov, V. I. 1576,
 3045, 3104, 3828, 4766,
 5286, 5471
 Tarakanovskii, K. N. 3672
 Taranenko, I. L. 788, 789
 Taranik, E. T. 1284
 Tarasyuk, S. I. 789
 Tarczyński, S. 436, 437,
 1935, 2106, 2115, 2116,
 3941, 5432, 5965, 5966,
 5971
 Tarkhanova, L. V. 670
 Tarrab, R. 4094
 Tarter, D. C. 6115
 Tarverdyan, T. N. 1503
 Tashliev, A. O. 3348
 Tassi, E. C. 4958
 Tassi, P. 2139, 3946
 Tatibana, M. 4172
 Taveesin, P. 2856
 Tawfik, M. A. 6271
 Tawfik, M. A. A. 1052
 Tay, J. 2776
 Taylor, A. E. R. 495
 Taylor, E. L. 4264
 Taylor, G. 1265
 Taylor, G. R. 5300
 Taylor, M. G. 2550, 3605,
 4122, 4685
 Taylor, M. M. 4686
 Taylor, R. J. 338
 Taylor, S. M. 587, 677
 Tazieva, Z. Kh. 4224,
 4244, 5592, 5605, 5806
 Teesdale, C. H. 4884,
 6025
 Teixeira, E. N. 5591
 Telford, S. R., Jr. 78
 Tello, R. 4830
 Telyatnikov, A. I. 1538
 Temcharoen, P. 6137
 Ten-Jet-Foei, C. L. 722
 Tendler, M. 1274, 5731,
 6257
 Tenora, F. 1777, 1840,
 5613, 5682, 6185, 6186
 Teorgiev, B. 4704
 Teplov, N. V. 4687, 4688
 Teplov, O. V. 4315, 6093,
 6280
 Tepmongkol, M. 926
 Teppa-Szumowska, E.
 5961
 Teppema, J. S. 2521
 Terech, I. 2234
 Terekhov, P. A. 5075
 Terenina, N. B. 1969
 Ternopol'skaya, L. D.
 3804
 Terpstra, W. J. 1240, 4885
 Terry, R. J. 5235
 Tertyshnikov, M. F. 2333
 Terwedow, H. A., Jr. 5318
 Tesaršik, J. 3805
 Teterin, V. I. 4460
 Tetzlaff, R. D. 4854
 Tewari, A. K. 2858
 Tewari, S. G. 6018
 Teymoorian, G. A. 3914
 Thabaut, A. 2473, 3558
 Thaer, R. 4813
 Thaï, P. B. 5978
 Thames, A. W. 2060
 Thanikachalam, M. 2903,
 5017
 Tharaldsen, J. 2650
 Thatcher, V. E. 1198
 Theate, M. 3871
 Thebtaranonth, Y. 3710
 Theis, J. 896
 Theodorescu, R. 3982
 Theodorides, V. J. 5421
 Thepsitthar, P. 1022
 Theron, A. 2756
 Thiemann, G. 5610
 Thienpont, D. 875, 901,
 2661, 3292, 4320
 Thing, H. 5046
 Thirachantha, S. 1413
 Thomas, D. B. 26
 Thomas, G. M. 3497,
 4015
 Thomas, J. 3771
 Thomas, J. A. 4166
 Thomas, J. D. 1150, 1775
 Thomas, J. R. L. 5810

- Thomas, P. C. 2301
 Thomas, R. J. 339, 747,
 1998, 2569, 2570, 2638,
 2652
 Thomas, V. 5997
 Thompson, A. R. 2458
 Thompson, B. H. 6428
 Thompson, H. G. 6336
 Thompson, P. E. 1956,
 4718
 Thompson, R. C. A. 2651,
 4245
 Thompson, S. A. 1377,
 4767
 Thompson, W. S. 5611
 Thomson, N. 206
 Thomson, W. H. 6469
 Thong, C. H. S. 790, 2382
 Thorson, R. E. 1244,
 1858, 6304
 Thrall, J. H. 4732
 Threadgold, L. 2460
 Threadgold, L. T. 2145,
 2422, 3023, 4586, 4749
 Threlfall, W. 1084, 1733,
 1738, 3992
 Thuku, J. J. 4850
 Thulin, J. 2423
 Thun, R. 3965
 Thurbon, P. N. 4809
 Tiefenbach, B. 438, 5447
 Tiellet, C. A. 429
 Tiggele, L. F. van 6262
 Tigin, Y. 4989
 Tikhomirov, I. A. 3677,
 3836
 Tikhomirova, V. A. 6206
 Tikhon, E. I. 669
 Tilby, M. J. 1970
 Tilley, L. P. 1532, 3293
 Timchenko, A. D. 1175
 Timmermann, H. R. 4993
 Timofeeva, T. A. 3837,
 4218
 Timonov, E. V. 1971,
 4204
 Tinar, R. 3951, 4689, 4989
 Tinsley, R. C. 2762, 2967
 Tintăreanu, J. 4923, 5558,
 5964
 Tishchenko, L. G. 1055,
 1056
 Tishchenko, V. V. 1056,
 1057, 1285, 1707
 Titchen, D. A. 4696, 5250
 Titova, S. D. 671, 2921,
 3465
 Titus, H. 5559
 Tiunov, V. I. 3105
 Tkach, V. I. 295
 Tkachenko, G. M. 3103
 Tkachev, V. A. 122, 166,
 167
 Tkachuck, R. D. 5788
 Tkacz, B. 1916
 Todd, A. C. 732, 1539,
 1936, 2074, 2297, 4985,
 4986, 5448, 6053
 Todd, K. S., Jr. 414, 604,
 4775, 5030, 6314
 Toderash, I. K. 656
 Todorov, V. 1540, 3806
 Todorova, N. 4864
 Toft, J. D., II 791
 Tokhtar', G. I. 1349, 3639
 Tokobaev, M. M. 132,
 627, 833, 4019, 4619,
 5512
 Toktouchikova, M. G. 42,
 833
 Tolkacheva, L. M. 76, 659
 Tolle, A. 5449
 Tolling, S. 6429
 Tolliver, S. C. 884, 1451,
 2087, 6389, 6390
 Tolosa, E. M. C. 1286
 Tomanović, B. 6421
 Tomašovičová, O. 2909,
 3099
 Tomaszunus, S. 2277,
 5964, 5969
 Tomatis, L. 1658
 Tomiche, F. J. 4863
 Tomilovskaya, N. S. 294
 Tomimura, T. 263, 564,
 2278, 2554
 Tomita, S. 692, 693, 714,
 3529
 Tomkus, A. 1299
 Tonder, E. M. van 4470
 Tongson, M. S. 715, 943,
 5586, 5595, 5624, 5818
 Tongu, Y. 692, 693, 3529
 Toong, R. 5107
 Topaly, V. P. 5409
 Topalyan, K. M. 4316
 Topuriya, I. I. 1032, 6430
 Torii, T. 6141
 Torisu, M. 4690
 Tornakov, I. 4864
 Toropkin, A. A. 1924
 Torres, J. M. 3581
 Torres, P. 605, 617, 748,
 1033, 1097, 4123
 Toś-Luty, S. 5969
 Toshkov, A. 4566
 Tosiva, R. A. 3614
 Toskov, A. 4566
 Tossou, H. 6267
 Totsuka, M. 717
 Toups, G. R. 3953
 Touratier, L. 3809, 4318
 Toure, K. 6267
 Toure, S. M. 3295, 5450
 Tournoux, P. 2823
 Touya, E. 4436
 Trach, V. N. 834, 1390,
 3012
 Tran Manh Sung, R.
 3881, 4734
 Trcka, J. 4034
 Treen, V. L. 1558
 Trejo, J. F. 4275
 Trejos, A. 2734
 Trelease, R. N. 3178
 Treney-Bolognini, J. 2934
 Treshchev, V. V. 62, 1083,
 2900
 Tret'yakov, A. D. 4317
 Tret'yakov, S. A. 6384
 Tret'yakova, O. N. 792
 Tribouley-Duret, J. 5560
 Tribouley, J. 5560
 Trifonov, T. 5109
 Trifonova, T. K. 2057
 Triggiani, O. 4896, 6142
 Trigo, J. F. 4275
 Trimble, J. J., III 1377,
 1972, 4767
 Trinidad, D. 125
 Tripathi, J. C. 2634
 Tripp, M. R. 4691
 Tromba, F. G. 6200, 6260
 Troncy, P. M. 5904
 Trovela, V. 715, 5624,
 5818
 Trubcheninova, L. P. 212,
 678
 Trubina, N. S. 411
 Trueman, E. R. 835
 Trushin, I. N. 1776, 5654,
 6431, 6432
 Trzeciak, J. 3106
 Ts'ao, W. C. 1796
 Tsaturova, A. Ya. 1643
 Tschärner, C. von 1329
 Tschawdarowa, M. 3888
 Tscherner, W. 5483, 5606
 Tseng, P. T. 5991
 Tsepikova, T. I. 1374
 Tsimbalyuk, A. K. 195,
 3191, 4346, 4777
 Tsimbalyuk, E. I. 4532
 Tsimbalyuk, E. M. 4020
 Tsintsadze, L. Kh. 1014
 Tso, W. K. 1826
 Tsola, M. 3871, 3966
 Tsolov, B. 3807
 Tsomaeva, T. K. 6026
 Tsubokura, K. 2732
 Tsuji, M. 439, 734, 1771,
 2492, 4692
 Tsuji, T. 745
 Tsukman, N. Ya. 660
 Tsukumo, M. K. K. 3794

- Tsvetaeva, N. P. 3107
 Tsvetanova, E. M. 3640
 Tsvetkovich, L. 4309
 Tsyro, A. I. 1174
 Tsyunene, E. 1350, 3627
 Tuschschmid, P. E. 809
 Tudor, R. B. 3808
 Tuff, D. W. 4503
 Tulecka, H. 5964
 Tulloch, G. S. 5128
 Tumarasvin, W. 4802
 Tumolskaja, N. I. 5967
 Tumol'skaya, N. I. 1656, 3143
 Tumolskaya, N. I. 3144, 5967
 Tumurova, S. A. 2946
 Turaev, A. K. 4497
 Turatie, L. 3809, 4318
 Turlakov, A. P. 3466
 Turner, A. C. 4191
 Turner, B. C. 1733
 Turner, J. A. 5561
 Turner, K. J. 1880
 Turner, R. H. 2140, 2742
 Turner, V. M. 302
 Turpin, M. 6038
 Turton, J. A. 275, 356, 440, 2536, 4686
 Túry, E. 4167
 Tverdokhlebov, P. T. 1391, 5655
 Tyagi, R. P. S. 1684
 Tyagi, S. P. 6018
 Tyaglo, I. P. 1525
 Ubaidullaev, K. 2924
 Ubaidullaev, Ya. U. 32
 Ubelaker, J. E. 163, 3013, 4617
 Ubilla, C. 2857
 Uchacz, S. 357
 Uchida, A. 79, 628, 2210, 5067, 5110
 Uddin Ahmed, M. 584
 Uddin, M. 971
 Udrescu, M. 3982
 Udvarhelyi, J. 3810
 Udvarkhei, I. 3810
 Ueno, H. 708, 1005, 1215, 1427, 1693, 1694, 4337, 5280
 Uglem, G. L. 303
 Ugrin, I. N. 793, 1053, 1881
 Uh, K. B. 2264, 2716, 2717, 6340
 Uhazy, L. S. 4074
 Uhlemann, J. 4926
 Uhlíková, M. 2960
 Ujda, J. 1657
 Úkoskit, K. 1290, 4938
 Ukotich, A. M. 1460
 Ulmer, M. J. 3401, 6101
 Ul'yanova, Z. D. 441
 Umiński, J. 5969
 Una, S. R. 4087, 4261, 5704
 Uni, S. 713, 5184
 United States Department of Agriculture. 4377, 4378
 United States - Japan Cooperative Medical Science Programme. 3864
 Uno, H. 2844
 Unrau, G. O. 3745, 3811
 Upadhyaya, G. H. 565
 Upatham, E. S. 5331, 6137
 Urban, E. 452, 3277, 4374, 5877, 5966, 5970
 Urban, J. F., Jr. 5209
 Urbanietz, J. 408
 Urquhart, G. M. 4222, 5249
 Uruchurtu, A. 4168
 USA, Agricultural Research Service 5006, 5979
 USA, Center for Disease Control 3354, 6500
 USA, Industrial Council for Tropical Health 5513
 USA, University of Florida 5520
 Usher, C. B. 5102
 Ushmaev, N. L. 4987
 Usinene, B. 1577
 Usinienė, B. 1577
 Usol'tseva, Z. N. 948
 Uspenskaya, I. G. 1003
 Uspenskii, A. V. 6261
 Uspensky, A. V. 2990
 USSR 4379
 USSR, Akademiya Nauk Kazakhskoi SSR, Institut Zoologii 2198
 USSR, Akademiya Nauk Kirgizskoi SSR, Institut Biologii 992
 USSR, Akademiya Nauk Litovskoi SSR, Institut Zoologii i Parazitologii 1595
 USSR, Akademiya Nauk SSR, Sibirscoe Otdelenie, Biologo - Pochvennyi Institut. 493
 USSR, Akademiya Nauk SSSR, Zoologicheskii Institut 3866
 USSR, Akademiya Nauk Ukrainskoi SSR, Institut Zoologii 1594, 1597, 3865
 USSR, Akademiya Nauk Uzbekskoi SSR, Institut Zoologii i Parazitologii 1596
 USSR, Blagoveshchenskii Sel'skokhozyaistvennyi Institut. 4380
 USSR, Dagestanskii Gosudarstvennyi Universitet im. V. I. Lenina 5514
 USSR, Dal'nevostochnyi Gosudarstvennyi Universitet, Biologo-Pochvennyi Fakul'tet 4930
 USSR, Institut Zoologii Akademii Nauk Moldavskoi SSR 993
 USSR, Institut Zoologii i Parazitologii, Akademiya Nauk Uzbekskoi SSR. 4381
 USSR, Karakalpakskii Filial Akademii Nauk Uzbekskoi SSR. 5980
 USSR, Krasnoyarskii Gosudarstvennyi Pedagogicheskii Institut 3349
 USSR, Ministerstvo Rybnogo Khozyaistva SSSR, Ikhtiologicheskaya Komissiya VNIRO 2802, 4382
 USSR, Ministerstvo Zdravookhraneniya Tadzhikskoi SSR. 5981
 USSR, Rostovskii Nauchno-Issledovatel'skii Institut Meditsinskoi Parazitologii 5982
 USSR, Selskostopanska Akademiya "G. Dimitrov" 3867
 USSR, Tomskii Gosudarstvennyi Universitet imeni V. V. Kuibysheva 3868
 USSR, Tyumenskii Nauchno-issledovatel'skii Institut Kraevoi Infektsionnoi Patologii 1001

- USSR, Vsesoyuznaya
Akademiya
Sel'skokhozyaistvennykh
Nauk 3350
- USSR, Vsesoyuznyi
Nauchno-
Issledovatel'skii Institut
Prudovogo Rybnogo
Khozyaistva 3351
- Ustinov, I. D. 5736
- Usui, M. 1888, 5252, 5253
- Utepov, A. D. 1685
- Utkina, N. M. 5562
- Uyema, N. 4580
- Uzakov, U. Ya. 1516
- Uznadze, M. N. 3816
- Vagin, V. L. 123, 3488,
4050
- Vaidova, S. M. 1098
- Vaishvila, A. 1085
- Vajime, C. G. 1130
- Vajrasthira, S. 5601
- Vakhshuri, P. 1638
- Vakil, B. J. 442, 3294
- Vakker, V. G. 4347
- Valdivia, L. 1033
- Valenza, F. 1351, 2552
- Valenzuela, G. 1161
- Valero Lopez, A. 4071
- Valiullin, S. M. 48, 869
- Valkoun, A. 5961
- Valle, V. C. 6408
- Valley, V. C. 3734
- Valsala, K. V. 55
- Valter, D. 6329
- Van Arman, G. G. 4319
- Van de Schalie, H. 6165
- Van den Akker, M. 4963
- Van Den Broek, E. 2148
- Van den Heever, L. W.
5905
- Van der Gulden, W. J. K.
4746, 4747
- Van der Schalie, H. 4574,
4789
- Van Geldorp, P. J. A.
6348
- Van Golde, L. M. G. 1365
- Van Helden, H. P. T.
1240
- Van Hoosier, G. L., Jr.
5041
- Van Kruijningen, H. J.
2548
- Van Landingham, S. B.
5320
- Van Minnen, J. 5639
- Van Peenen, P. F. D. 609,
1514
- Van Tiggele, L. J. 6262
- Van Tonder, E. M. 4470
- Van Veen, K. S. 6214
- Van Vugt, F. 1365
- Van Waerebeke, D. 5694
- Van Wijk, H. E. 2571
- Van Wyk, F. A. K. 1498
- Vandepitte, J. 901, 4320
- Vanderslice, R. 4903, 4905
- Vandesteene, R. 3292
- Vandor, T. A. 1075
- Vanfleteren, J. R. 4205,
4206, 4768
- Vanneste, J. A. L. 4321
- Vannier, W. E. 3567
- Vanparijs, O. 2661
- Vanparijs, O. F. 906, 3292
- Varadarajan, M. 2245
- Varela-Díaz, V. M. 215,
226, 2430, 2499, 2500,
2586, 3037, 3050, 5238
- Varela, M. C. 3998
- Varga, I. 387, 443, 2735
- Varghese, C. G. 4587
- Varlamova, A. I. 5871,
6420
- Varma, K. C. 5841
- Varma, R. A. 4961
- Varma, R. N. 27
- Várnai, F. 994
- Varshney, T. R. 3812
- Vartic, N. 2302
- Varute, A. T. 794
- Varvarina, N. V. 5052
- Vašadi, T. 5996
- Vasantha Kumari, N.
5137
- Vaselina, L. P. 2927
- Vasil', M. 5418
- Vasil'ev, A. A. 995, 2736,
3157
- Vasilev, I. 5789
- Vasil'eva, K. A. 1428,
1537
- Vasil'eva, L. M. 795
- Vasilevich, F. I. 4021
- Vasilevskaya, L. K. 3467
- Vasilinin, M. G. 3679,
4899
- Vasiljević, L. 5097
- Vasil'kov, G. V. 2117
- Vaskhnil, I. E. M. 383
- Vasseau-Martin, N. 5904
- Vassilev, I. 5789
- Vassiliades, G. 3295, 5450
- Vasyuta, Yu. S. 6433
- Vaucel, M. 4865
- Vaughan, G. E. 640
- Vecchio, P. del 5299
- Vedrenne, H. 3364
- Vedy, J. 3606
- Veech, R. L. 5764
- Veen, T. S. van 3788,
3937
- Veen, T. W. S. van 6348
- Vega, I. 4712
- Vega, O. 4830
- Velasquez, C. C. 2763
- Velichko, I. V. 5138
- Velikaya, T. A. 5466
- Velimirovic, B. 3296
- Vel'niyazov, D. K. 3215
- Venable, J. H. 3175
- Venezuelan Society of
Gastroenterology. 4383
- Vengozhevskii, I. 3813
- Ventkateswara Rao, B.
165
- Verberne, L. R. M. 4322
- Verbruggen, F. 3108
- Vercelli-Retta, J. 3663,
3664
- Vercruysee, J. 2082, 3979
- Veremchuk, G. V. 5185
- Veress, B. 4152, 5546
- Veretennikova, N. L.
3270, 5722
- Vergnolle, M. 4411
- Verhagen, H. 3108
- Verheyen, A. 2661
- Vericad, J. R. 2388
- Verma, G. N. 1973
- Verma, R. 4971
- Vermeil, C. 276
- Vernes, A. 4124, 5239
- Verster, A. 5905
- Verster, A. J. M. 5044
- Vertinskaya, M. K. 5319
- Veselova, T. P. 3766,
3814, 4866, 5364, 5451,
6427
- Vessel, M. 4769
- Vestal, T. J. 1060, 4132
- Vibe, P. P. 1054, 1055,
1056, 1057, 1541, 1683,
1707, 2046, 6287
- Vicari, G. 1843
- Vicente, F. S. 5002
- Vichniewski, W. 2060
- Vickert, A. M. 5967
- Vidal, H. 2829, 3364
- Vieira, R. A. 243, 277,
278
- Vieira, R. S. 325
- Viens, P. 5737
- Vigg, B. 6288
- Vilde, J. L. 5765
- Vilela, M. P. 3287
- Villarejos, V. M. 4249
- Villiers, A. F. de 6478
- Vinayak, V. K. 2518
- Vincelette, J. 3167, 5842,
5843
- Vincent, A. L. 2448, 2449,
4504
- Vinnichuk, A. N. 4867
- Vinogradov, S. N. 984

- Vinogradova, E. N. 3079
 Vinter, A. G. 5563
 Vinueza Andrade, R. 6493
 Viraboonthai, S. 4802, 5182
 Viranuvatti, V. 2859
 Vishnevetskaya, M. B. 6349, 6434
 Vishnyakov, Yu. 796
 Vishnyauskas, A. 1542, 1543, 1544
 Vishnyauskas, A. I. 5906
 Visser, P. S. 1557
 Viswanathan, S. 3173
 Viteri Bazante, C. A. 5983
 Vitovec, J. 1352
 Vladimirova, A. 1235, 1306
 Vladimirtsev, I. F. 1531
 Vlasenko, M. I. 5452
 Vlasov, A. N. 4801
 Vlasova, N. I. 850
 Vlíčková, H. 5564
 Vliet, G. van 1504
 Vodrážka, J. 417
 Voelker, J. 3699
 Voge, M. 466, 2615
 Vogel, C. J. 1545
 Vogel, K. 4759
 Vogel, L. C. 2199
 Vohito, M. 3359
 Voiniceni, A. 3233
 Voĩnovskaya, I. V. 857
 Vojtek, J. 694, 4521
 Vojtková, L. 629, 4521, 4620
 Volkmer, K. J. 3699, 4448, 4666
 Volkov, F. A. 4868, 4869, 5907, 5908, 6435
 Volkova-Berozashvili, M. V. 4399
 Volkova, N. S. 340, 3680
 Voller, A. 1224, 6263
 Vollerthun, R. 1937, 2555
 Volodin, P. V. 4315, 6093
 Voloshchuk, S. D. 2953
 Volovik, S. V. 1752, 4722
 Volskis, G. 77
 Vol'skis, G. 1085
 Volskis, G. 1085
 Vol'skis, G. 1099, 1100
 Vol'skis, G. I. 77
 Von Brand, T. 1588, 3180
 Von Lichtenberg, F. 1930
 Von Tschärner, C. 1329
 Vorevodina, T. V. 5793
 Vorob'ev, M. M. 1902, 2543
 Vorob'eva, Z. G. 3252
 Vorona, N. I. 3748
 Voronkov, V. A. 6432
 Vosilite, B. S. 3535
 Votava, C. L. 4139
 Voth, D. R. 319, 608
 Vovchenko, N. M. 1249
 Voznenskaya, N. G. 3468
 Voznyĩ, A. U. 1392
 Voznyĩ, N. E. 3469
 Vsevolodov, B. P. 1353
 Vujić, B. 2351, 3815
 Vutikes, S. 5470
 Vykhrestyuk, N. P. 1378, 3181, 5786, 5790
 Vyšniauskas, A. 1542, 1543, 1544, 5906
 Wada, Y. 2727
 Waddell, I. F. 6109
 Waerebeke, D. van 5694
 Wagner, E. D. 1794
 Wahab, M. A. 5998
 Waitz, J. A. 407
 Wakelin, D. 240, 2529, 3109, 4125, 4126, 4669, 5738
 Waksman, B. H. 4384
 Walker, A. C. 28
 Walker, C. K. 3931
 Walker, T. R. 4737
 Walkey, M. 2432, 2530, 2581, 4153
 Wallace, F. G. 1588
 Waller, P. J. 747, 2569, 2570, 2652
 Walls, K. 6148
 Walters, G. 2655
 Walton, A. C. 1588
 Waltz, H. 1875
 Wan, J. S. 5007
 Wan, S. P. 75
 Wang, C. H. 1795
 Wang, P. 5695
 Wang, P. C. 1546, 2764
 Wang, S. F. 1554
 Wang, Y. C. 364, 2674, 6330, 6331
 Wang, Y. T. 3880
 Wanke, B. 757
 Waota, A. O. 4808
 Ward, B. J. 1801
 Ward, F. P. 623
 Ward, J. K. 1058
 Ward, P. F. V. 2540
 Ward, S. 206, 5315
 Wardell, J. R., Jr. 5214
 Wardle, R. A. 2200
 Wardle, W. J. 4588
 Ware, R. W. 207
 Warley, A. P. 4323
 Warnock, R. G. 5324
 Warrell, D. A. 1287
 Warren, K. 5739
 Warren, K. S. 797, 1217, 1252, 1861, 1882, 1938, 2504, 2860, 2861, 3158, 3611, 4417, 4424, 4637, 4947, 5240, 5281, 5468, 6236
 Wartenberg, L. 876
 Wasilewska, L. 2964
 Wasowsky, S. 1820
 Wassermann, D. 1658
 Wassermann, M. 1658
 Wassom, D. L. 5324
 Watanabe, A. 2568
 Watanabe, S. 5007
 Watanabe, T. 1213, 2308, 2711
 Watanuki, T. 95
 Watarai, S. 3441
 Watertor, J. L. 5320
 Watson, D. F. 6299
 Wattal, B. L. 5653, 6135
 Wattre, P. 4638
 Weale, J. E. 3741
 Weatherly, N. F. 3084, 3100, 4672
 Weathersby, A. B. 4693
 Webb, G. 2313
 Webb, R. A. 169, 1821, 4599, 6187
 Webbe, G. 241, 944, 2599, 2600, 3568, 4122, 4202, 4272, 4492, 5772
 Webber, R. H. 4870, 5453
 Weber, M. C. 2660
 Webster, J. M. 790, 2382, 2964
 Webster, L. T., Jr. 1882, 2482
 Webster, M. H. 2118
 Webster, W. A. 63, 6207
 Wechsler, S. J. 2891
 Wędrychowicz, H. 246
 Wegerhof, P. H. 2319
 Węgorzewski, J. 3813
 Wehr, H. 3147
 Weiler, E. D. 4854
 Weinbach, E. C. 3180
 Weiner, D. J. 4694
 Weiner, J. S. 6268
 Weinmann, C. J. 2653
 Weinstein, P. P. 5788
 Weir, W. D. 4854
 Weiser, J. 4324, 4550
 Weissenburg, H. 2010
 Wekselberg, M. 2279
 Welbedacht, S. 1802
 Welch, J. S. 4652, 4797
 Welch, N. J. 4040
 Weller, T. H. 4972, 5241, 5355
 Wells, C. 5565
 Welty, T. 4969

- Wenclewski, A. 1934
Wenk, P. 2319, 5582
Wentkowski, A. 5962
Werbel, L. M. 6436
Werner, E. 5878
Wershing, J. M. 945
Wertejuk, M. 1064, 4374, 5971
Wertheim, G. 1216, 5186
Wery, M. 2088, 6027
Wery-Paskoff, S. 6027
Wescott, R. B. 2293, 3975, 5232, 5612
Wesel, A. J. T. 906
West, G. B. 3176, 5302
West, L., Jr. 3953
Westcott, R. B. 3242
Westheimer, J. 606
Westmoreland, H. L. 3953
Weston, R. 6069
Whalen, G. E. 3093
Wharton, D. A. 2450
Wheater, P. R. 4770
Wheeling, C. H. 2280
White, A. U. 3869
White, G. B. 5463, 6208
White, G. L. 611
White, H. B., Jr. 4191
White, H. J. 1789
White, J. B. 5729
White, J. G. 206
White, R. G. 366, 6437
Whitehead, J. D. 3297
Whitenack, D. L. 322
Whitfield, P. J. 2424
Whiting, D. A. 4325
Whitley, L. S. 4738
Whitlock, H. V. 898, 899, 6336
Whitlock, J. H. 1588, 5801
Whittaker, F. H. 5972, 6099
Whitten, L. K. 5587
Whyte, I. J. 5112
Wichert, A. N. 5967
Widmer, C. G. 3630
Wiebenga, N. H. 2227
Wieland, T. C. 3980
Wieners, K. A. 6358
Wierzbicka, J. 1939, 2425
Wierzbicki, K. 2425
Wiger, R. 5613
Wiggers, K. L. 5015
Wijers, D. J. B. 1659
Wijk, H. B. van 2571, 5353
Wikerhauser, T. 1547, 2141, 2531, 2532, 3976, 4358, 5321, 5963
Wilairatana, S. 2856
Wilamowski, B. 1935
Wilanowicz, H. 2765, 5963
Wilcox, A. H. 5881
Wilde, V. 5936
Wiles, M. 5636
Wilkins, C. A. 444
Wilkins, G. C. 2961, 6151
Wilkins, R. J. 1532
Williams, B. M. 6070, 6071, 6072
Williams, C. S. F. 322, 4663
Williams, E. H., Jr. 5159
Williams, G. 4745
Williams, G. D. 3955
Williams, G. Ll. 4707
Williams, I. C. 124
Williams, J. C. 3991, 5766
Williams, J. F. 322, 606, 1298, 4663, 4664, 5031, 5223, 5454
Williams, J. S. 5242
Williams, L. E., Jr. 68, 1726
Williams, M. O. 798
Williams, P. F. B. 4977
Williamson, J. R. 275, 2536
Willinger, H. 4034
Willis, O. R. 4545, 5093
Willmott, S. 3330, 4058
Willms, K. 4094
Willomitzer, J. 1598, 1599, 4022, 4551, 4806
Wilson, A. 5515
Wilson, K. J. 809
Wilson, P. A. G. 5819, 6315
Wilson, R. A. 4770, 5928
Wilson, T. 476
Wimonwatatee, T. 4938
Windsor, D. A. 2201
Windsor, R. S. 6084
Winegarner, C. E. 1719
Winks, R. 5192
Winsberg, G. R. 3402
Winters, J. B. 2892
Wirth, W. 4886
Wirth, W. W. 2356
Wise, W. L. 3953
Wiseman, A. 754, 4134, 4697
Wiśniewska, S. 5973
Wissler, K. 624, 2329
Wissocq, J. C. 3325
Wistar, R., Jr. 749
Witała, B. 1940
Witecki, J. 5969
Witkowska, L. 1642
Witteborg, K. 5455
Wojciechowska, M. 1760, 5254
Wójcik, A. R. 2572
Wojton, A. 4948
Wojtoń, T. 4373, 5835
Wolf, P. H. 4023
Wolfe, M. S. 945, 3700
Wolff, J. E. 2705
Wolff, K. 577, 6350
Wołk, E. 2024
Won, C. Y. 2265, 5879, 5880
Won, Y. M. 2630
Wong, M. M. 61, 1660, 4127, 4128
Wong, P. S. 1318
Woo, P. 4326
Wood, I. B. 3592
Wood, I. J. 566, 1288, 3915
Wood, M. G. 5767
Woodfield, D. G. 5710
Woodruff, A. W. 3403, 3916, 4246
Woodstock, L. 3745
Woolcock, L. T. 646
Wootten, R. 2391
World Health Organization 2, 858, 1600, 5949
World Veterinary Congress 4385, 4931
Worley, D. E. 2892, 6049
Worms, M. J. 4564, 4667
Wotton, R. S. 5909
Woźniczko, L. 1941, 2119
Wright, C. A. 5353
Wright, D. J. 1974, 1975
Wright, K. A. 5930
Wrońska, J. 4375
Wrześniowski, Z. 1935
Wu, F. H. 1826
Wülker, W. 2573, 2947
Wung, Y. L. 1690
Wurzinger, K. H. 1475
Wypych, J. 2260
Wyse, D. 2077
Xenia, B. 6213
Xu Zhibiao 2360
Xylinas, M. E. 5243
Yadav, H. S. 6128
Yafizov, F. N. 4621
Yagisawa, M. 672, 2120
Yakhontov, B. 5856
Yakhontov, B. V. 2813, 3019, 3220, 4129, 5244, 5348
Yakovchuk, T. A. 2929
Yakovleva, A. M. 1548
Yakuboski, M. V. 445
Yakubovich, V. Ya. 1151
Yakubovskaya, Yu. L. 4169
Yakubovskii, M. V. 3817, 4871

- Yaldygina, Z. S. 397
 Yaliev, S. M. 6031, 6032
 Yalins'ka, N. S. 5951
 Yalynskaya, N. S. 836, 3502
 Yamada, F. 6285
 Yamada, M. 733
 Yamagata, T. 531
 Yamagishi, T. 4695, 5246
 Yamaguchi, M. 2278, 4198
 Yamaguchi, T. 567, 2120
 Yamaguti, S. 1601
 Yamamori, K. 607
 Yamamoto, S. 572, 3245
 Yamamoto, T. 2574
 Yamamura, H. 2108
 Yamane, Y. 686, 3896, 4600, 4973, 4974, 5155
 Yamashita, J. 563, 946, 2121, 2122
 Yamashita, T. 1716, 1878, 3096
 Yamput, S. 873
 Yanagisawa, T. 4198
 Yáñez, L. 617, 1097
 Yang, G. B. 3305
 Yang, H. C. 4750
 Yang, H. S. 5993
 Yang, J. 960, 3394, 3404, 4443
 Yao, T. L. 1690
 Yao, T. S. 5665
 Yap, E. H. 1081, 1883, 3969, 4219
 Yaraev, R. G. 3110, 5791
 Yaremenko, I. I. 673
 Yarinsky, A. 3729, 5910
 Yarmolyuk, D. D. 2890
 Yarmukhametova, D. Kh. 4855
 Yarotskii, F. A. 2737
 Yarotskii, L. S. 2123
 Yarovskii, I. P. 3681
 Yarulin, G. R. 568, 2862
 Yarwood, E. A. 1949
 Yarygina, G. V. 1378, 3181, 5790
 Yarzabal, L. A. 226, 3051, 3111, 3112, 5245
 Yashchenko, N. F. 1210
 Yashchuk, V. D. 6448
 Yashchur, V. D. 2124
 Yastrebov, E. E. 5831
 Yasuda, N. 6073
 Yasuraoka, K. 125, 2751
 Yau, P. 117
 Yavorskii, I. P. 280
 Yawalkar, S. J. 2863
 Yazaki, S. 4973, 5155
 Yazwinski, T. A. 2298, 3931
 Yeates, R. A. 2533
 Yeh, M. H. 2645
 Yelewere, G. 3976
 Yen, C. H. 6331
 Yen, K. F. 4544
 Yen, T. C. 4771
 Yeoh, T. S. 1883
 Yermakov, V. 7, 533, 1010, 4414
 Yi, C. C. 5665
 Yiannakis, C. 6258
 Yii, C. Y. 5282
 Yip, T. K. S. 1788
 Yoeli, M. 2252
 Yogore, M. C. 749
 Yogore, M. G. 5740
 Yogore, M. G., Jr. 4879
 Yokogawa, M. 109, 126, 439, 569, 2175, 4420, 4684
 Yokota, M. 564, 2278
 Yonemichi, H. 2069, 5576
 Yoon, K. S. 5990
 Yoon, S. O. 6010
 Yoshida, H. 2278, 2554
 Yoshida, Y. 570, 571, 947
 Yoshihara, K. 641
 Yoshihara, S. 4337
 Yoshihara, T. 6259
 Yoshikawa, H. 595
 Yoshikawa, M. 5283
 Yoshikawa, T. 595, 5283
 Yoshimura, H. 563, 572, 709
 Yoshimura, K. 2108, 3607, 4695, 5246
 Young, D. 5214
 Young, E. 3942, 4471, 4485, 5111, 5112
 Young, S. W. 2575, 3514, 4137, 4715
 Yousif, F. 1152, 1153, 2373
 Youssef, H. H. 750
 Yu, J. C. 3405, 6120
 Yu, J. Y. 517
 Yu, K. S. 2718
 Yu, P. 5931
 Yu, S. H. 2836
 Yu Wei 2738
 Yule, A. H. 2708
 Yum, Y. T. 2374, 6139
 Yun, C. S. 6147
 Yun, Y. S. 2639
 Yunchis, O. N. 2355
 Yurakhno, M. V. 4231
 Yurchenko, G. T. 5831
 Yurpalova, N. M. 622, 1101
 Yushko, A. V. 5284
 Yusuf, J. N. 3113
 Yusufi, A. N. K. 3665
 Yusufi, N. K. 4199
 Yusupov, Kh. Ya. 588, 1436
 Yusupov, O. 2924, 2930
 Yutkin, L. A. 4328
 Yutuc, L. M. 6143
 Zaba, E. 5965
 Žaba, E. 5966
 Zabožlaeva, E. A. 279, 1173
 Zaccaria, M. 2296
 Zacheo, T. B. 1208
 Zaher, C. 5214
 Zahner, H. 401, 2555, 5045
 Zahrádníková, W. 3298, 5008, 6409
 Zaitsev, N. Ya. 3114
 Zaitseva, L. D. 2057, 2679
 Zajiček, D. 304, 777, 2039, 3298, 5008, 5456, 6409
 Zakariiev, A. Ya. 5032, 5113
 Zakharchenko, A. F. 3641, 3701
 Zakharov, V. I. 837
 Zakhidov, A. T. 1942, 5570
 Zakhryalov, Ya. N. 446, 3851, 4505
 Zaki, S. A. 3095
 Zakirov, N. S. 1910
 Zakordonets, A. A. 2095
 Zalevskii, S. V. 93
 Zaloznyi, N. A. 3844, 6479
 Zampollini, S. 1607
 Zander, N. 5882
 Zanotti, W. H. 3711
 Zapart, W. 2534, 3608, 5963
 Zapata, R. 3040
 Zapotosky, J. E. 1841
 Zapryanov, M. Ya. 4327
 Zaramba, S. M. 4435
 Zarinya, R. K. 5114, 5623
 Żarnowski, E. 2142, 4373, 4374, 5950, 5961, 5971
 Zarubin, G. P. 4359
 Zarzycki, J. 5961
 Zaskind, L. N. 1102
 Zatoński, J. 2081
 Zavalieva, D. D. 5156
 Zavednyuk, V. F. 673
 Zav'yalova, T. Ya. 3288
 Zawadzka-Jedrzejewska, B. 3091
 Zawadzki, Z. 3146
 Zawistowska, T. 2241
 Žďárská, Z. 4772, 6188, 6453

- Zdrada, M. 4374, 4375
 Zdun, V. I. 280, 661, 5951
 Zeakes, S. J. 6437
 Zee, D. S. 3182
 Zelazny, J. 2925
 Zeledón, R. 4249
 Zelinskiĭ, L. M. 1059
 Zembrzusi, K. 3363,
 5911, 5963, 5969
 Zenaishvili, O. P. 1549,
 2125, 2576, 3816
 Zen'kov, A. V. 320, 4486,
 4819
 Zerbst-Boroffka, I. 985
 Żeromski, J. 2743
 Żeromski, J. 3053, 3059
 Zgardan, E. S. 859, 5912
 Zhabin, I. N. 2348
 Zhaltsanova, D. S. D. 574,
 575, 662, 4506
 Zharikov, I. S. 39, 445,
 2978, 3817, 4811, 4872,
 4887, 5571
 Zhatkanbaeva, D. 1815,
 6179
 Zhdanov, V. M. 4801
 Zhdanova, M. G. 1661,
 4978, 4979
 Zhdun, V. I. 3503
 Zheleva, R. Ts. 1884,
 3609, 5247
 Zhelyazkov, L. 4864
 Zherebtsova, T. A. 1686,
 1687
 Zhidkov, A. E. 1688,
 1985, 4220, 6438
 Zhitnitskaya, E. A. 948
 Zhmak, Z. O. 6439
 Zhong Huilan. 2360
 Zhordaniya, L. A. 3506
 Zhuravets, A. K. 6440,
 6441
 Zhuravlev, V. M. 2057
 Zidian, J. L. 2470, 5703
 Zieliński, Z. 5970
 Zielke, E. 1154, 4421,
 5656
 Ziliotto, A., Jr. 3406
 Zimin, Yu. M. 2299, 3943,
 6050
 Zimmermann, G. 6133
 Zimmermann, W. J. 3307,
 3508, 4392, 4449
 Zimnikova, A. I. 3510
 Zinichenko, I. I. 5913
 Zinkham, W. H. 3182
 Zinov'eva, E. N. 625
 Zio, S. G. de 1208
 Ziomko, I. 4373, 4375,
 5835
 Ziprin, R. 1885
 Ziprin, R. L. 5741
 Zirakishvili, L. M. 1467,
 1550, 2126, 2281, 3818,
 5820
 Ziskind, G. I. 6385
 Žitňan, R. 2931
 Zmijewska, M. 2159
 Zmoray, I. 1578
 Zontschew Mintschew, P.
 2254
 Zotov, V. A. 5457
 Zubitskaya, M. A. 4741
 Zubov, N. A. 6289
 Zuchowska, E. 3944
 Zuchowska, E. 4375
 Zuckerman, B. M. 1361,
 4177, 4207, 4753, 4754,
 5776
 Zuckerman, L. S. 1361
 Zuidema, P. J. 2282
 Žuković, M. 2532, 3976,
 5963, 6416
 Żukowski, K. 2948
 Zumpt, F. 3942, 4471
 Zumpt, I. F. 6081
 Zurlinski, P. 3299, 5458,
 5459, 5472
 Zverzhanovskii, M. I.
 5625
 Zvolinskene, V. 1221,
 3020, 3021
 Zvolinskienė, V. 3020,
 3021
 Zwerner, D. E. 6131
 Zwierz, C. 3917, 5964
 Zwisler, O. 220
 Zwolinskiene, W. 6277
 Zyngier, F. R. 281, 2451,
 4130, 5516
 Żyromska-Rudzka, H.
 4552

SUBJECT INDEX

- Abbreviata kazachstanica***
 in *Ophisaurus apus*, in USSR
 (Tadzhikistan), morphology 2440
 in Tenebrionidae, in USSR (Tadzhikistan),
 morphology 2440
- Abessebdella palmyrae***, n.g., n.sp. 471
- Abramis brama***
Bothriocephalus gowkongensis 1108
Caryophyllaeus laticeps 5792
Digramma interrupta 4527
 helminths 631, 6320
Ligula intestinalis 1940, 4527
 trematodes 84
- Abyssotrema pritchardae***, n.g., n.sp., in
Alepocephalus agassizi, in North
 Atlantic 2970
- Acanthatrium nycteridis***, in *Tadarida*
brasiliensis, in USA (West South
 Central), new record (h.) 3971
- A. taiwanense***, n.sp., in *Japalura swinhonis*,
 in Taiwan 2406
- Acanthobothrium coronatum***, embryology
 5485
- A. filicollis***
 embryology 5485
 spermatogenesis 2770
- A. zschokkei***, embryology 5485
- Acanthocephalan larvae***, in Euphausiidae, in
 North Pacific, incidence 1774
- Acanthocephalans***
 in birds, in Israel, new records (h.) 1824
 in freshwater fish, in USSR (Siberia),
 incidence 4522
 graphical analysis of proboscis hook
 characteristics 2988
 histology 5509
 in mammals, in Israel, new records (h.)
 1824
 taxonomy 1823
 in Tenebrionidae, in USSR (Tadzhikistan)
 2365
- Acanthocephalus***
 in *Fundulus diaphanus*, in Canada, new
 record (h.) 5636
 n.sp., [not named], in freshwater fish, in
 USA (East North Central) 170
- A. anguillae***
 in *Asellus aquaticus*
 development 6455
 in USSR (Ukraine), incidence, &
 seasonal variation 3472
- A. balkanicus***, n.sp., in *Triturus cristatus*, in
 Bulgaria 4601
- A. crinia***, n.sp., in *Crinia tasmaniensis*,
Crinia signifera, & *Crinia laevis*, in
 Australia 171
- A. falcatus***, in *Rana graeca*, in Yugoslavia
 1106
- Acanthocephalus contd.***
- A. jacksoni***
 cystacanths, in *Lirceus lineatus*, host
 behaviour 1922
 & *Proteocephalus*, in *Semotilus*
atromaculatus, aberrant association
 828
- A. lucii***, in *Asellus aquaticus*, in USSR
 (Ukraine), incidence, & seasonal
 variation 3472
- A. opsariichthydis***
 in vitro, bithionol 5420
 in *Salmo gairdnerii*, in Japan, in fish
 farms 5420
 in *Salmo gairdnerii irideus*, in Japan,
 redescribed 5158
- A. parksidesi***
 n.sp., in *Catostomus commersonnii*, in
 USA (East North Central) 1822
 in freshwater fish, in USA (East North
 Central), morphological variability
 1823
- A. serendibensis***, in *Cnemaspis kandianus*
kandianus, in Sri Lanka, new record (h.),
 & redescribed 5696
- A. srilankensis***, n.sp., in *Rhacophorus*
cruciger eques, & *Rhacophorus*
microtypanum, in Sri Lanka 5696
- A. tahlequahensis***, n.sp., in *Etheostoma*
punctulatum, in USA (West South
 Central) 6190
- Acanthocheilonema perstans***
 in man
 immediate hypersensitivity &
 eosinophilia 1272
 in USA, exotic infection 1272
- Acanthocheilus***, in man, life-history,
 morphology, & taxonomy 520
- Acanthocolpus liodorus***, in *Cybbium*
guttatum, in India, morphology, & new
 record (h.) 5073
- Acanthocotyle brachyuropsi***, n.sp., in *Raja*
brachyurops, in Atlantic 5662
- A. patagonica***, n.sp., in *Raja brachyurops*, &
Raja magellanica, in Atlantic 5662
- A. scobini***, n.sp., in *Raja brachyurops*, in
 Atlantic 5662
- Acanthocyclops viridis***, *Camallanus lacustris*
 1568
- Acanthodiptomus denticornis***
Fimbriaria fasciolaris 2361
Microsomacanthus paramicrosoma 2361
Sobolevicanthus gracilis 2361
- Acanthogalea palinurichthydis***, n.g., n.sp., in
 fish, in Antarctica, & South Atlantic
 5671
- Acanthogaleinae***, n.subf. 5671
- Acanthogobius flavimanus***, *Clonorchis*
sinensis 2354

Acanthopagrus bifasciatus*Atriatser acanthopagri* n.sp. 2966*A. spinifer* n.sp. 2966***Acanthoparyphium cambellense***, synonym of*Acanthoparyphium spinulosum* 4575***A. cambellensis***, in *Pherialis dominica*, in India 5063***A. lobatum***, in *Pherialis*, in India, morphology 5063***A. spinulosum***, synonymy 4575***Acanthosentis***, histochemistry of egg envelopes 4170***A. acanthuri***, in *Acanthurus coeruleus*, & *Acanthurus chirurgus*, in West Indies, new record (g.), & redescribed 2436***A. dattai***, larvae, in *Mesocyclops leuckarti*, in India, morphology 5653***A. shashiensis***, n.sp., in *Ctenopharyngodon idella*, in China (Central) 1826***Acanthostomum busminis***, in *Natrix piscator*, in India 156***Acanthoxyurus***, redefined, & synonymy 1839***A. anomaluri***, in *Anomalurus derbianus neavei*, in Angola, redescribed 1839***A. coronata***, n.sp., in *Anomalurus derbianus fraseri*, in Ivory Coast 1839***A. hunkeleri***, n.sp., in *Anomalurus peli peli*, in Ivory Coast 1839***A. obubra***in *Anomalurus peli peli*, in Ivory Coast, morphology 1839n.comb., for *Syphacia obubra* 1839***A. vincenti***, n.sp., in *Anomalurus*, in Cameroon 1839***Acanthurus chirurgus***, *Acanthosentis acanthuri* 2436***A. coeruleus***, *Acanthosentis acanthuri* 2436***Accipiter badius****Chabastrigea rangii* n.sp. 2408*Habronema guptai* n.sp. 194***A. francesii****Neodiplostomum spathoides prudhoei* n.subsp. 4043*Strigea triloborchis* 4043***Achatina fulica****Angiostrongylus cantonensis* 6118-6119, 6136*A. vasorum* 1772, 6136***Achillurbainia***, in *Tupaia glis*, in Malaysia 4959***Achromobacter***& DD-136, in insects, symbiosis 1144
& *Neoaplectana*, in insects, symbiosis 1144***A. nematophilus***& *Neoaplectana carpocapsae*in *Galleria mellonella* 6458

host reaction 4735

in *Leptinotarsa decemlineata*, host reaction 4735***Acipenser baeri***

helminths 636

Piscicola 636***Acipenserids***

helminths 635

Hirudinea 635

nematodes 2926

trematodes 2926

Ackertia globulosain *Haemaphysalis leachi*, in Kenya 3437larvae, in *Haemaphysalis leachi*, in Kenya 1836n.sp., in *Lemniscomys striatus striatus*, in Kenya 1836in *Meriones unguiculatus*, experimental 3437

in rodents, in Kenya 3437

Acoplonteron ureterocetes, in *Lepomis**auritus*, in USA (South Atlantic), new record (h.) 1793***Acromyrmex octospinosus***, nematodes 2626***Acrostichus gubernatus***, n.sp., in*Dendroctonus rufipennis*, in USA 2184***Actinocleidus oculatus***, in *Eupomotis**gibbosus*, in France, new record (g.), & post-larval development 4037***A. recurvatus***, in *Eupomotis gibbosus*, in France, new record (g.), & post-larval development 4037***Actitis hypoleucos****Diplostomum pusillum* 2969*Mesorhis pendulus* 2969***Acuariidae***, ultrastructure of cordons 177***Acuariodea***, key to genera 1209, 4061***Adenogaster indica***, n.sp., in *Chelone mydas*, in India 5134***Aedes***

nematode larvae 1151

Wuchereria bancrofti 942***A. aegypti****Brugia pahangi* 2642, 3128, 3499, 5264, 5649*Dirofilaria repens* 2469, 5304

levamisole 4852

Neoaplectana carpocapsae 1753, 5187*Oswaldofilaria belemensis* 175*Reesimermis nielsenii* 1753***A. albopictus***, in Japan, feeding on dog & man 5817***A. (Ochlerotatus) impiger***, *Romanomermis kiktoreak* n.sp. 6203***A. (Ochlerotatus) nigripes***, *Romanomermis hermaphrodita* n.sp. 6203***A. polynesiensis***

biology 6125

Wuchereria bancrofti 4228, 6125***A. sierrensis***, *Dirofilaria immitis* 2653***A. togoi***, filariids 5083***A. triseriatus***, *Foleyella flexicauda* 4533***A. trivittatus***, *Dirofilaria immitis* 6122***A. vexans***, *Dirofilaria immitis* 5637***Aegla platensis***, *Temnocephala talicei* 6123

- Aelurostrongylus abstrusus*
 in cat
 in Brazil (South East), local survey 3432
 levamisole hydrochloride 1521
 reviewed 54
 in USA, case report 5015
- Aeromys thomasi*, *Hepatojarakus malayae* 188
- Aeschna cyanea*, *Tatria decacantha* 122
- Aetabatus flagellum*, *Echinocephalus sinensis* 1318
- Aethomys kaiseri*, *Ackertia globulosa* n.sp. 1836
- Aetiology**
 anaemia 758, 5274
 asthma 1880
 eosinophilic meningitis 4158
 fog fever 4697
 schistosome dermatitis 1415
 splenomegaly 1294
 tropical eosinophilia 739
- Afars & Issas**, hydatid 519
- Afghanistan**, cestodes, in ruminants 5581
- Africa**
Agriostomum vryburgi 6038
 ascarids 4440
Cysticercus 5525
Eupolystoma alluaudi 4897
 filariids 3238, 4790
 helminths
 in game animals 2954
 in mammals 2208
 in man 2118, 2808, 4393, 4865
Hemipera sharpei 3998
 nematodes, in sheep 3925
Oesophagostomum 1615
Onchocerca 5542
O. volvulus 2807
Paragonimus africanus 4666
P. uterobilateralis 4666
Schistosoma 3238, 3376, 3682–3683, 4223, 4643, 4790
S. haematobium 4441, 4808
Taenia 5525
 trematodes, in zebu 2868
Wuchereria bancrofti 3698
- Afrizalus fulvovittatus leptosoma*, *Polystoma llewellyni* n.sp. 137
- Agama**, helminths 2332, 2553
- A. caucasica**
Parapharyngodon szczerbaki n.sp. 4069
Spirocerca lupi 6095
Thelandros markovi n.sp. 4069
Vigisospirura potekhini 6095
- A. himalayana**, *Thelandros markovi* n.sp. 4069
- A. lehmanni**, *Parapharyngodon szczerbaki* n.sp. 4069
- Agkistrodon halys*, *Mesocestoides lineatus* 5547
- Agrión**, *Contraecacum spasskii* 1569
- Agrión contd.**
A. pulchellum, *Tatria* 167
- Agriostomum vryburgi**
 in cattle
 in Africa, new record (g.) 6038
 in Congo, new record (g.) 2789
 morphology of genital cone 710
- Agriotes lineatus*, *Neoplectana carpocapsae*, (agriotos strain) 4536
- Agrotis ipsilon*, *Neoplectana carpocapsae* 5645
- Ainohelix blakeana*, *Angiostrongylus cantonensis* 1715
- Akodon longipilis*, *Trichuris chiliensis* n.sp. 6191
- Alaeuris brachylophi*, in *Brachylophus fasciatus*, in USA, zoo, intestinal obstruction 6097
- Alaria alata*, in *Vulpes vulpes schrenckii*, in Japan, morphology, & new record (g.) 1803
- A. americana**, in man, in Canada, case report 6000
- Alaska**, helminths, in *Ovibos moschatus* 585
- Albula vulpes**
Claribulla longula n.g., n.sp. 5676
Diphtherostomum albulae n.sp. 5677
Lasiotocus albulae n.sp. 5677
- Alburnoides bipunctatus**
Dactylogyrus rysavyi n.sp. 1176
D. vistulae 1176
Gyrodactylus gracilihamatus 1176
- Alburnus albidus arborella**
Dactylogyrus alatus 1176
D. fraternus 1176
D. minor 1176
D. parvus 1176
- A. alburnus**
 helminths 5966
 Hirudinea 5966
- Alcedo atthis**, *Heterakis atthis* n.sp. 204
- A. atthis bengalensis**
Dispharynx nasuta 72
Hadjelia truncata 72
- Alces alces**
Capreocaulus capreoli 1917, 2543
Cysticercus tenuicollis 1917
 helminths 4466
 mebendazole 4263
Parafasciolopsis fasciolaemorphia 1902, 1917
- Alectoris graeca cypriates**
 niclosamide 4327
 Tremanol 4327
- Alepocephalus agassizi**
Abyssotrema pritchardae n.g., n.sp. 2970
Hudsonia agassizi n.g., n.sp. 147
- Algeria**
Dipetalonema dracunculoides 2135
 hydatid 3895

- Allacanthocephalus varius*, in *Ictalurus punctatus*, in USA (East North Central), new record (h.) 3990
- Allantonema orthotomici*, n.sp., in *Orthotomicus ornatus*, in USA 2181
- A. paramorosum*, n.sp., in *Hylastes*, in USA 2181
- Allantonematidae**
in Scolytidae, key to genera 5693
validated 3861
- Allassogonoporus marginalis*, in *Tadarida brasiliensis*, in USA (West South Central), new record (h.) 3971
- Allassostomoides*, reviewed 2402
- A. chelydrae**
in *Bufo americanus*, in USA (West North Central), new record (h.) 2402
in *Chrysemys picta*, in USA (West North Central), new record (h.) 2402
in *Graptemys pseudogeographica* new record (h.) 145
in USA (West North Central), new record (h.) 2402
in *Rana catesbeiana*, in USA (West North Central), new record (h.) 2402
redescribed 2402
validated 2402
- A. louisianaensis*, validated 2402
- A. parvus*, validated 2402
- Allintoschius*, synonymy 702
- A. dunnii*, n.sp., in *Myotis mystacinus*, in Malaysia 702
- A. nudicaudus*, n.comb., for *Parallintoschius nudicaudus* 702
- A. tadaridae*, n.comb., for *Parallintoschius tadaridae* 702
- Allocreadioidea**, evolution, & morphology 144
- Allocreadium**
in freshwater fish
morphological variation 4577
in USSR, morphology, & key to spp. 3522
- A. fasciatusi*, miracidia, morphology 6174
- A. isoporum*, morphology 1121
- Allodiplostomum shiraishii*, synonym of *Pulvinifer macrostomum* 2405
- Allodiscocotyla chorinemi**
in *Chorinemus lysan*, in India, new record (h.) 3517
in *Chorinemus sanctipetri*, in India, new record (h.) 3517
in *Chorinemus taloo*, in India, new record (h.) 3517
- Alloglossidium*, key to spp. 1185
- A. progeneticus*, n.comb., for *Macroderoides progeneticus* 1185
- A. renale*, n.sp., in *Palaemonetes kadiakensis*, in USA (West South Central) 1185
- Allopodocotyle argyropsi*, n.sp., in *Argyrops spinifer*, in India 5674
- Allopodocotyle** contd.
- A. lepomis**
larvae
in *Litobranchia recurvata*, scanning electron microscopy 154
in *Nitocris dilatatus*, scanning electron microscopy 154
- A. pritchardae*, n.sp., in *Lutjanus lunulatus*, in India 5674
- Alloteuthis subulata*, monogeneans 2940
- Alopex lagopus**
Trichinella 6261
T. spiralis 1074
- Alopias superciliosus*, *Sphyrrocephalus pelorosoma* n.sp. 164
- A. vulpinus*, *Phoreiobothrium lasium* 4523
- Alopochea aegyptiacus*, *Cyathostoma bronchialis* 5970
- Alosa sapidissima**
Contracaecum brachyurum 2344
Pelichnibothrium speciosum 2344
- Alticola argentatus*, *Ivaschkinonema alticola* n.g., n.sp. 190
- A. roylei semicanis*, *Hymenolepis meszarosi* n.sp. 5682
- Ambloplites cavifrons*, *Cleidodiscus ektyphus* n.sp. 1793
- Amblyopsis spelea*, proteocephalids 5972
- Ambystoma opacum**
Brachycoelium elongatum 2335
B. obesum 2335
- A. tigrinum**
Haematoloechus coloradensis 3310
Telorchis bonnerensis 5320
- America**
filariids 1393
hydatid 2258, 3192
Onchocerca 5542
Schistosoma 2258
Taenia saginata 5524
T. solium 5524
Wuchereria bancrofti 5802
- America, Latin**, *Cysticercus cellulosae* 5760
- Amidostomum**
in fowl, in USSR (Ukraine), host specificity & diet 1102
in goose, in Hungary, trichlorphon 3250
- A. acutum*, in *Anas querquedula*, in Italy 2327
- A. anseris**
in goose
carbon tetrachloride 357
chemotherapy 3726
copulatory behaviour 306
host longevity & weight 5966
longevity 5970
ova, in Poland, overwintering 4217
- Amnicola travancorica**
Cercariae indicae XLIX 688
C. indicae LXVIII n.sp. 6176
C. indicae LXIX n.sp. 6176
C. indicae LXX n.sp. 688

- Amoebotaenia cuneata*, in fowl, in Iran, new record (g.) 5060
- Amphibians**
 anisakids 4889
 helminths 80–81, 457, 1156, 5066–5067, 6101, 6144
 nematodes 4620
Polystoma 136
Thelandros tba 629
 trematodes 2406, 4386, 4521
Tremiorchis ranarum 5666
- Amphimerus ovalis*, in *Kinosternon odoratum*, in USA (South Atlantic), new record (h.) 1104
- A. pseudofelineus*, in cat, in USA (East North Central), case report 604
- Amphipods**
 helminths 836
 parasites 3502
- Amphistome cercariae**
 listed, & life-history 5475
 [new], in *Bulinus pulchellus* 5675
- Amphistomes**
 in cattle, in Japan, incidence 2746
 in sheep, in India, nitroxylin 3812
 technique for recovering, ova 2746
 in vertebrates, in India, listed 5104
- Amplustoma macrocephalum*, nomenclature 2405
- Anadara brasiliiana*, *Cercaria anadarae* n.sp. 4588
- Anantrum tortum*, n.g., n.comb., for *Dibothrium tortum* 4598
- Anas*, *Trichobilharzia physellae* 1415
- A. crecca*
Cotylurus platycephalus 1733
Microphallus primas 1733
Psilostomum 1733
Tetrameres ryjkovi 1733
Trichobilharzia querquedulae 1733
- A. discors*
Cotylurus platycephalus 1733
Microphallus primas 1733
Paramonostomum alveatum 1733
Prosthogonimus cuneatus 1733
Psilochasmus oxyurus 1733
Streptocara crassicauda 1733
- A. penelope*, *Diorchis diorchis* 2427
- A. platyrhynchos*
 cestodes 1100
Cotylotretus cubanicus 5625
 helminths 6090
- A. platyrhynchos platyrhynchos*
Fimbriaria fasciolaris 5152
Haploparaxis japonensis 5152
Hymenolepis tenuicollis n.sp. 5152
- A. querquedula*
Amidostomum acutum 2327
Tetrameres fissispina 2327
- A. rubripes*, *Corrigia obscura* n.sp. 5123
- Anastomus oscitans*, *Psilocollaris singhi* n.sp. 2417
- Anatidae**, helminths 1096
- Anatrichosoma*, in *Hylobates lar*, in USA (Pacific), case reports 2223
- A. buccalis*, in *Didelphis virginiana*, in USA (South Atlantic), incidence 1719
- A. cynamolgi*, in *Macaca mulatta*, synonymy 5175
- A. nacepobi*, synonym of *Anatrichosoma cynamolgi* 5175
- A. rhina*, synonym of *Anatrichosoma cynamolgi* 5175
- Anax*, *Haematoloechus coloradensis* 3310
- Anchoradiscus anchoradiscus*, in *Lepomis gibbosus*, in USA (South Atlantic), new record (h.) 1793
- Ancylostoma* (see also hookworm)
 in *Canis latrans*, in USA (West South Central), local survey 599
 in dog
 in Italy, local survey, & seasonal variation 1695
 in Philippines, tetramisole hydrochloride 903
 pyrantel pamoate 2083
 corrigendum 3257
 in *Lynx rufus*, in USA (West South Central), local survey 599
 in man
 in Paraguay, incidence 4944
 in USSR (European), exotic infections 568
 in USSR (Georgia)
 chemotherapy 6394
 control, & incidence 3275
 in USSR (Ukraine), control, & incidence 3260
 morphology of genital cone 710
- A. braziliense*
 in animals, & man, zoonosis 4404
 in cat, in Argentina 3973, 5028
 in dog, in Argentina 3973, 5028
 egg production & life span 968
 in mouse, migration 966
- A. caninum*
 in cat, localization in muscle 1982
 in dog
 antibody production & *Panax ginseng* 6238
 in Argentina 3973, 5028
 disophenol 2711
 in India, nitroxylin 2090
 in Italy, local survey 1696
 in Japan, unisexual infection 2305
 in Mexico, cambendazole 3785
 in New Zealand
 arrested development 6336
 fatal case 1069
 serum iron 278
 UV-irradiated larvae conferring immunity 243
 vaccination, evaluated 4660
 vincosol 2065

***Ancylostoma caninum* contd.**

- & *Giardia canis*, in dog, in Rumania 2963
- larvae
 - in faeces, survival & ground cover 3673
 - in mouse, migration 3829
 - on pasture, in USA (East North Central), survival 310
- in monkey, localization in muscle 1982
- in mouse
 - localization in muscle 1982
 - serum proteins & single & repeated infections 3026

- ova, anthelmintics as ovicides 375
- scanning electron microscopy 5167

A. ceylanicum

- in dog, blood loss 1290
- egg production & life span 968
- in *Macaca mulatta*, experimental 4938
- in mouse

- cortisone & development 2519
 - migration 966

A. duodenale

- in man 2218
- bitoscanate 349
- in Bulgaria, bephenium hydroxynaphthoate plus santonin 3276
- in Czechoslovakia, ova in swimming pools 5564
- general account 4424
- in Haiti, incidence 5559
- in India, massive intestinal haemorrhage 3907
- in Korea, chemotherapy 3256
- in Mauritius, chemotherapy 3264
- pathogenicity 1289
- pathology of intestine 1927
- site distribution 1983
- in USSR, chloroform 4829
- in USSR (Georgia), incidence 1032
- in USSR (Turkmenia), bephenium hydroxynaphthoate 3215
- ova, in swimming pools, in Czechoslovakia 5564

A. malayanum*, in *Helarctos malayanus*, in Thailand, morphology, & new record (g.) 5601**A. tubaeforme***

- in cat
 - anthelmintics, compared 1476
 - in Argentina 3973, 5028
 - migratory behaviour 825
- larvae, ultrastructure of oesophageal glands 3543
- larvae & ova, development & physico-chemical factors 2613
- in mouse
 - migratory behaviour 825
 - transmammary transmission 5349

***Ancylostoma tubaeforme* contd.**

- & *Necator americanus*, ultrastructure of oesophageal glands, compared 2447
- Ancylostomatids**, somatic muscle cells 3541
- Andaman & Nicobar Islands, *Wuchereria bancrofti* 1004
- Andracantha grvida***, n.g., n.comb., for *Corynosoma grvida* 1825
- A. mergi***, n.comb., for *Corynosoma mergi* 1825
- A. phalacrocoracis***, n.comb., for *Corynosoma phalacrocoracis* 1825
- Angiostrongylus***
 - in man
 - in Brazil, case report 3406
 - reviewed 3389
 - in *Rattus*, in Malaysia, incidence, & morphology 4386
 - in *Tupaia glis*, in Malaysia, incidence, & morphology 4386
- A. cantonensis***
 - in *Achatina fulica*
 - development & host response 6136
 - mode of infection 6119
 - in Taiwan 6118
 - in *Ainohelix blakeana*, in Japan 1715
 - antigen analysis 4692
 - antigen preparation 1878
 - in *Biomphalaria glabrata*
 - encapsulation 1238
 - encapsulation ultrastructure 5204
 - factors affecting infection rate 1152
 - histochemistry of encapsulation 3651
 - in *Cambarus*, potential paratenic host 4546
 - carbohydrate metabolism 2583
 - extract, in man, bis-diazotized benzidine & sensitization 232
 - in guinea-pig
 - lymphocyte & antibody response 4695
 - mouse, & rat, host affecting
 - development & morphology 1716
- larvae
 - in man, in Thailand, eosinophilic meningitis 1022
 - survival & temperature 1152
- in *Lymnaea palustris*
 - growth & development 5927
 - histopathology 5759
 - host oxygen uptake 5758
 - potential intermediate or paratenic host 4546
- in man
 - in Australia
 - case report 552
 - general account 1646
 - immunology of eosinophilic meningitis 6217
 - in Malaysia, reviewed 6007
 - in North Viet Nam, fatal case 1026
 - serodiagnosis 6216

Angiostrongylus cantonensis *contd.*in man *contd.*

in Taiwan

case reports 5282

immunology 5195

in Thailand, eosinophilic meningitis
4158

in mouse

development in conventional & germ-
free hosts 5226

experimental model 1710

immunity, life-history, & pathogenicity
1709

in rabbit

diagnosis by FAT & HAT 3034

reaginic antibody 5246

in rat

diagnosis by FAT & HAT 3034

lymphoid cell response & antibody
production 3607

reaginic antibody 5246

serodiagnosis 6216

in *Rattus norvegicus*, in Japan 1715in *Rattus tiomanicus*, in Malaysia, new

record (g.), & redescribed 4495

scanning electron microscopy 3006–3007

in snails, host susceptibility, compared
1153**A. malaysiensis**, in *Pila scutata*, in Malaysia,
possible transmission to man 6007**A. vasorum**in *Achatina fulica*

development & host response 6136

experimental infection 1772

technique for culturing 1772

in dog, life-history 5970

Angola*Acanthoxyurus anomaluri* 1839

gastro-intestinal helminths, in man 499

Schistosoma 499**Anguilla anguilla**, *Paraquimperia tenerrima*
4341**A. japonica**, *Cucullanus anguillae* n.sp.
5695**Anguillicola**, in eel, development 98**Anguillonema annamari**, n.sp., in*Dendroctonus frontalis*, in USA 2188**A. leperisini**, n.sp., in *Leperisinus aculeatus*,
in USA 2188**Angularella chelidonariae**, in birds, in USSR
(Ukraine), new record (g.) 71**Animals**

amodiaquine compounds 1454

Ancylostoma braziliense 4404

anthelmintics 379, 436, 1473

ascarids 4387, 4781

cestodes 5561

1-(*p*-chlorophenyl)-3- guanidines 1454

2,4-diaminoquinazoline antifolates 1454

Dicrocoelium 1400*Dipylidium caninum* 2024*Echinococcus* 4846**Animals** *contd.**Echinococcus* *contd.**E. granulosus* 2024filarids 252, 1334, 2378–2379, 4386,
4682

helminths 1410, 4919

Hetolin 377

hycanthone 1434

hydatid 5384

lucanthone 1434

nematodes 5496

Opisthorchis felineus 671

parasites 751

Schistosoma 2387

strongylids 4404

taeniids 3357

thiabendazole 377

toxicity

of chlorophos plus atropine 4248

of fenchlorphos 3708

of hycanthone 1434, 5392

of lucanthone 1434

of trichlorophos 3708

of trichlorphon 3708

toxicity of molluscicides 877

Toxocara 4781

trematodes 2935

Trichinella 698, 990, 2384, 2786, 2793,
4553, 5804*T. spiralis* 2524, 4241, 4392, 4778, 4913,
6326*Trichostrongylus* 502**Animals, aquatic**, toxicity, of *N*-
tritylmorpholine 1445**Animals, domestic**

anthelmintics 437, 1526, 5380, 6401

cestode larvae 666, 4029

cestodes 4291

Cysticercus 6379

fenbendazole 438

filarids 2209

gastro-intestinal nematodes 6254

helminths 337, 669, 672, 763, 888, 1396,
1411, 1509, 1779, 1782, 1893, 1935,

1942, 2079, 2142, 2203–2204, 2787,

2949, 2956, 3137, 3333, 3350, 3871,

4233, 4316–4317, 4360, 4380, 4555,

4915, 5365, 5515, 5763, 5852, 5895,

5919, 5965, 5977, 6495, 6499

hookworm 2126

hydatid 168, 666, 1783, 3355, 3807,

5827, 6379

parasites 780, 3504, 4282

Trichinella 328, 1166, 1987, 2951, 5098*T. spiralis* 4554**Animals, fur-bearing**, helminths 131, 1965,
3505**Animals, game***Fasciola hepatica* 1598–1599

helminths 128, 2954, 6499

Animals, laboratory

alveolar hydatid 1162

Animals, laboratory contd.

- Ascaris* 3641
A. suum 5225
 cercariae 2628
Clonorchis sinensis 6147
 dichlorophen 3735
Echinococcus multilocularis 1162
 helminths 2385, 4366, 4555
 hycanthone 3729
Hymenolepis nana 1845
Necator 1326
Onchocerca volvulus 663
Schistosoma japonicum 1155
 Ilan strain 1155
S. mansoni 3583
 cercariae 2628
 sodium antimony dimethylcysteine tartrate 393
Thynnascaris aduncum 276
 toxicity
 of dichlorophen 3735
 of hycanthone 3729
 of schistosomicides 5367
 of trichlorophen 3735
Trichinella 1341
T. spiralis 5961, 6078
 trichlorophen 3735

Animals, marine, nematodes 4908**Animals, wild**

- Echinococcus* 5111
 helminths 1591, 2203, 2950, 3348, 4233, 5106, 5658
 hydatid 5111
Opisthorchis felineus 4240
Trichinella 328, 1167, 1987, 2951, 5098, 5967
T. spiralis 4554, 5112

Animals, zoo

- helminths 3934, 4292
Hymenolepis 4225
 paramphistomes 5132
Spirometra 5483

Anisakid larvae

- in fish, in Norway 1110-1111
 in herring, in Norway 1109
 in man, in France, case report 2228

Anisakids

- in amphibians, life-history, reviewed 4889
 in birds, life-history, reviewed 4889
 in *Busycon canaliculata*, in USA 6131
 development & temperature 5770
 in euphausiids, in Britain, distribution, & incidence 2391
 in fish
 life-history, reviewed 4889
 zoonoses 3207-3208
 in *Lunatia heros*, in USA 6131
 in mammals, life-history, reviewed 4889
 in man
 historical account 4951
 in North America, case reports 4951

Anisakids contd.

- in man contd.
 zoonoses 3207-3208
 in marine fish
 in Britain, distribution, & incidence 2391
 in USA 6114
 in reptiles, life-history, reviewed 4889
 in *Spisula solidissima*, in USA 6131
 survival & temperature 816
Anisakinae, morphology 4611

Anisakis

- antigen analysis 4692
 in *Clupea harengus*, in North Sea 4934
 in *Gadus morhua*
 in Arctic, & North Atlantic, geographical distribution, & incidence 1746
 in North Sea 4934
 in guinea-pig, anaphylaxis 3096
 larvae
 in euphausiids, in Pacific 1765
 in fish 2232
 in herring, in Baltic, population dynamics 630
 in vitro, development 2619
 in man, pathology, & symptoms 2232
 spices & food preservatives 911
 in man
 diagnosis by FAT 717
 diagnosis by gastric biopsy 562
 in Japan
 diagnosis by IT, HAT, & biopsy compared 5735
 intussusception 4973
 life-history, morphology, & taxonomy 520
 research, reviewed 6011
 reviewed 4405
 in pig
 experimental 6054
 haematology & clinical chemistry 6266
 pathology 6265
 in rabbit, delayed hypersensitivity 744
 Type I larvae, in *Euphausia pacifica*, in Pacific 1765
 in man, in USA (North Atlantic), case report 546
A. marina
 development & temperature 5770
 technique for preparing, for scanning electron microscopy 2140
A. physeteris, scanning electron microscopy 2996
A. schupakowi, in sturgeon, in Iran, food chain 4528
A. simplex
 in *Balaenoptera acutorostrata davidsoni*, in North Pacific 2899
 scanning electron microscopy 2996
A. typica
 scanning electron microscopy 2996

- Anisakis typica** contd.
in *Steno bredanensis*, in USA (South Atlantic), new record (h.) 2320
- Anisogammarus**
Davainea sp. I 119
Polymorphus cincli 119
- A. (Eogammarus) kygi**, *Levenseniella acanthophalla* 119
- Anisoporus orientalis**, n.sp., in *Dactyloptena orientalis*, in India 5674
- Anisotrema virginicus**, *Apocreadium cryptum* n.sp. 5676
- Anisus spirorbis**, *Liorchis scotiae* 1134
- A. vortex**
Cercaria carelica I 4576
Dendritobilharzia pulverulenta 5126
Liorchis scotiae 1134
- Annelids**, helminths 6462
- Anodonta piscinalis**
Bucephalus polymorphus 3623
Rhipidocotyle illense 3670
- Anomalurus**, *Acanthoxyurus vincenti* n.sp. 1839
- A. derbianus fraseri**, *Acanthoxyurus coronata* n.sp. 1839
- A. derbianus neavei**, *Acanthoxyurus anomaluri* 1839
- A. peli peli**
Acanthoxyurus hunkeleri n.sp. 1839
A. obubra 1839
- Anomotaenia arionis**, cysticeroids, in molluscs, in USSR, local survey, & morphology 115
- A. constricta**
in *Coloeus monedula*, in France, morphology 2429
cysticeroids, in *Pimelia sulcata*, development, & morphology 2429
metacestodes, ultrastructure 5144
ova, morphology 2429
in *Pica pica*, in France, morphology 2429
- A. sinensis**, to *Birovilepis sinensis*, n.comb. 2434
- Anonchohaptor anomalum**
in *Catostomus catostomus*, in Canada, new record (h.), & redescribed 135
in *Catostomus commersonnii*, in Canada, redescribed 135
- A. muelleri**
in *Minytrema melanops*, in USA (East South Central), new record (h.) 3991
in *Moxostoma erythrurum*, in USA (East South Central), new record (h.) 3991
- Anopheles**
biological control 3347
control programme 4870
- A. crucians**
Reesimermis nielseni 5093
Romanomermis culicivorax n.sp. 6203
- A. funestus**, *Wuchereria bancrofti* 5522
- A. gambiae**, *Wuchereria bancrofti* 1154
- Anopheles** contd.
A. gambiae, *Wuchereria bancrofti* 4780, 5522, 5656
- A. hyrcanus**, filariids 5083
- A. labranchiae atroparvus**, *Brugia patei* 2376
- A. maculipennis**, filariids 5083
- A. punctipennis**, *Dirofilaria immitis* 5637, 6122
- A. sinensis**, *Brugia malayi* 5341
- Anoplocephala**
in horse, chemotherapy 2087
in sheep, in USSR (Siberia), chemotherapy 2072
- A. perfoliata**, in horse, mebendazole 3746
- Anoplocephalata**
in cattle, in USSR (Tadzhikistan), local survey 37
in oribatid mites, in USSR (Siberia) 2946
- Anoplocephalidae**, evolution, key to genera, & taxonomy 6185
- Anoplocephalidea**, n.ordo 2200
- Anoplocephalids**
in sheep
in Bulgaria, general account 4982
destrobilization 1054
in USSR (Siberia), distribution 574
- Anoplostrongylus (Tupaiostrongylus) liei**, in *Tupaia*, in Borneo 188
- A. (Tupaiostrongylus) liei**, in *Tupaia*, in Borneo, & Malaysia, phylogeny 699
- A. (Tupaiostrongylus) liei**
in *Tupaia*, in Malaysia 188
n.comb., for *Tupaiostrongylus liei* 188
- Anser albifrons**, cestodes 4516
- A. caerulescens caerulescens**, cestodes 4516
- Anseriformes**
cestodes 1101, 5972
hymenolepidids 5972
notocotylids 1087
- Antarctica**
Acanthogalea palinurichthydis n.g., n.sp. 5671
digeneans, in marine fish 5670
Discoverytrema markowskii n.g., n.sp. 5671
helminths, in *Trematomus bernacchii* 95
monogeneans 5670
Neogrubea stomatae n.sp. 5670
Neolebouria georgiensis n.sp. 5671
Pavlovskioides prudhoei n.sp. 5670
- Antarcticobdella crozetensis**, in Marion Island, morphology 6478
- Antechinus stuartii**
Capillaria rickardi n.sp. 4075
Hymenolepis aklei n.sp. 4075
H. bradleyi n.sp. 4075
Nicollina antechini n.sp. 180
Stammerinema suffodiax n.sp. 4075
Synhimantus australiensis 4075
- Antelope**, *Protostrongyloides* 5260

Anthelmintics (see also Control; Ovicides & larvicides; Prophylaxis; Treatment)
 AC-1 354, 1450
 Acedist (see bromophenophos)
 acemidophen 5906
 acetarsamide sodium 2052
N-acetylaryl ureas 4310
 acrichin 5858
 acrichin plus pumpkin seed extract 441
 Alcopar (see bphenium hydroxynaphthoate)
 alkyl & aryl 1-methyleallyl phosphates, phosphonates & phosphinates 3772
 allantholactone derivatives 3806
 aluminium iodide 371, 1525
 Ambilhar (see niridazole)
 amino benzimidazoles 5893
 ammonium salts of phosphonic & phosphinic acids 4305
 amodiaquine compounds 1454
 Ancylo (see disophenol)
 Antepar (see piperazine salts)
 antibiotic G-418 407
 antibiotics plus carbon tetrachloride 870
 antimitotic agents 4800
 antimony compounds, mode of action 3718
 antimony dimercaptosuccinate 3152
 mode of action 2673
 antimony potassium tartrate 3704-3705, 3731, 6418
 Appercol (see levamisole hydrochloride)
 arecoline hydrobromide 2027
 arecoline hydrochloride 2734
 aromatic sulphur compounds, mode of action 3225
 arsenic 2707, 3262
 aspiculamycin 3245
 Astiban (see antimony dimercaptosuccinate)
 atebirin (see mepacrine hydrochloride)
 atebirine (see mepacrine hydrochloride)
 Atgard V (see dichlorvos)
 azidine 5850
 Banminth (see pyrantel tartrate)
 Banminth D (see diethylcarbazine plus morantel tartrate)
 Baymix 50 (see coumaphos)
 Bemosat 2058, 2086
 benzimidazole, mode of action 5967
 benzimidazole compounds 3229
 benzimidazole derivatives 4283, 5839
 mode of action 3064
 reviewed 3773
 bphenium 3231
 bphenium hydroxynaphthoate 398, 526, 865, 1497, 1503, 2058, 2073, 2086, 2693, 3214-3215, 3239, 3256, 3264, 3706, 3754, 6394, 6400
 bphenium hydroxynaphthoate plus dithiazanine 6398

Anthelmintics contd.

bphenium hydroxynaphthoate plus santonin 1540, 3276
 Berenil 5850
 Bilevon (see niclofolan)
 Bilevon M (see niclofolan)
 Bilevon R (see niclofolan)
 Bilharcid (see piperazine diantimoniy tartrate)
 2,6-bis-benzimidazole derivatives 401
trans-1,4-bis(2-isothiocyanatoethyl) cyclohexane 3809
 bisbendazole 2715
 bisphenol derivatives 3784
 bis(tri-*n*-butyltin) oxide (see TBTO)
 bithionol 947, 1015, 1436, 1515, 1534, 1903, 2072, 2710, 3781, 4795, 5397, 5420
 mode of action 399
 bithionol acetate 414
 bithionol plus 2,4-dichlorophenol 5874
 bithionol sulphoxide 404, 416, 427, 1436, 1449, 2072, 2095, 2103, 4805-4806, 5364, 5414, 5457, 5872
 bithionol sulphoxide plus morantel tartrate 2790
 bithionol sulphoxide plus thiabendazole 2790
 bithirazine 1534
 Bitifen (bithionol plus bithionol sulphoxide) 1493, 2094
 Bitin-S (see bithionol sulphoxide)
 bitoscanate 349, 1441, 6406
 Biverm (see tetramisole)
 boric acid 4469
 Bovhelm (see morantel tartrate)
 bromophenophos 1504, 6424
 bromophos 919
 bromosalicylanilides 4373
 brotiane 1480, 2027, 3753
 Bubulin 5390, 5394
 bunamidine 872, 2081
 bunamidine hydrochloride 342, 2734, 4841, 5454
 bunamidine hydroxynaphthoate 1462
 bunamidine oxynaphthoate 6386, 6404, 6440-6441
Butea frondea extract 2688
 calcium arsenate 1522
 Calclofos (calcium *O*-methyl *O*-(2,2-dichlorovinyl)- phosphate) 386
 cambendazole 882-883, 2042, 2655, 2699, 3707, 3775-3776, 3785, 3790, 3803, 4309, 4374, 4818, 4847, 5377, 5379, 5401, 5844, 5853, 5865, 6373, 6421
 mode of action 2107
 cantrodifene 4301
 carbon tetrachloride 357, 920, 1525, 2114, 2700, 3261, 3781, 3798, 3805, 4306, 5358, 5957, 5969, 6394
 carbon tetrachloride plus antibiotics 870

Anthelmintics contd.

- carbon tetrachloride plus *N,N'*-diphenyl-*p*-phenylene diamine 2033, 4273
- carbon tetrachloride plus
 - hexachloroethane 416, 2095, 3261, 4791
- carbon tetrachloride plus hexachlorophene 4791
- carbon tetrachloride plus orotic acid 1535
- Cestodin (see tin compounds)
- Cetovex (see *trans*-1,4-bis(2-isothiocyanatoethyl) cyclohexane)
- chenopodium oil 6394
- chloramphenicol 1528
- chloroform 4829
- β,β -chloronitrostyrene 1530
- 1-(*p*-chlorophenyl)-3- guanidines 1454
- chlorophos (see trichlorphon)
- chloroquine 1512
- chloroquine phosphate 1469
- 2-chloro-1,4-naphthoquinone 1530
- chlorphenizidol 1436
- chloxye (see hexachloroparaxylene)
- Ciba 32 644 (see niridazole)
- Ciclosom (see trichlorphon)
- clioxanide 2662
- cobalt chloride 1449
- cobalt nitrite 4861
- Coizumin (see kainic acid plus santonin)
- Combantrin (see pyrantel pamoate)
- compound E 4810
- copper sulphate 343, 1438-1439, 1447-1448, 1470, 1482, 1508, 2703
- copper sulphate plus niclosamide 1481
- copper sulphate plus phenothiazine salt 1435
- Coriban (see diamphenethide)
- coumaphos 3339, 3720, 6437
- CP-14,445 (see oxantel pamoate)
- crufomate 4255
- cyacetazide 2677, 3271, 4801, 5381, 5423, 5440, 5445
- cyacetazide plus diethylcarbamazine 378
- cyanacetylhydrazone 2101
- cyazide (see cyacetazide)
- Cyazone (see cyanacetylhydrazone)
- cyclohexandione derivatives 5969
- C.1372 (see carbon tetrachloride plus *N,N'*-diphenyl-*p*-phenylene diamine)
- Dekaris (see levamisole)
- Delagyl (see chloroquine phosphate)
- Dertil (see niclofolan)
- destonate-20 6393
- Devermin (see niclosamide)
- di-*n*-butyltin oxide (see dibutyl tin oxide)
- diaminodiphenylsulphide 3273
- 4,4'-diaminodiphenylsulphide 3716
- 2,4-diaminoquinazoline antifolates 1454
- diamphenethide 420, 3715, 4839, 5872

Anthelmintics contd.

- diamphenethide analogues 4281
- Dias (see kainic acid plus santonin)
- diazinon 1516, 2049
- Dibazol (see benzimidazole derivatives)
- dibutyl tin oxide 2710
- dichlorophen 358, 1500, 2092, 3735
- dichlorophen plus niclosamide 4817, 5393, 6414
- 2,4-dichlorophenol plus bithionol 5874
- dichlorvos 1464, 1476, 3222, 3241, 4131
- residues in meat 484
- Dichlosal (see dichlorophen plus niclosamide)
- dicresyl ester 2049
- diethylcarbamazine 364, 401, 415, 418, 503, 942, 1514, 2674, 2694, 2701, 2713, 2720, 3293, 4261, 4658, 4840, 4845, 4881, 5371, 5386, 5395, 5423, 5433, 5845, 5882, 5971
- diethylcarbamazine citrate 1525, 3891, 5359, 5375, 5381, 5395, 5821, 5842-5843
- diethylcarbamazine citrate plus morantel tartrate 3815
- diethylcarbamazine plus cyacetazide 378
- diethylcarbamazine plus morantel tartrate 2115, 6400
- diethylcarbamazine phosphate 3271, 3766
- diethylcarbamazine tartrate plus pyrantel tartrate 5456
- diospyrol 3710
- Diospyros mollis* extract 3710
- diphenid (see diamphenethide analogues)
- diphenyl sulphides 1446, 1489, 1534, 1544, 3781, 5451
- diphenyl sulphoxide, technique for labelling 1542
- N,N'*-diphenyl-*p*-phenylene diamine plus carbon tetrachloride 2033, 4273
- Diphezyl 2058, 2086
- Dipterex (see trichlorphon)
- Dirian (see brotitanide)
- disalan (see rafoxanide analogues)
- disophenol 372, 1476, 1931, 2711
- Disto-5 (see bithionol sulphoxide)
- Distolon (see niclofolan)
- 3,8-disubstituted 1,3,8-triazabicyclo decan-2-ones 2109
- 3,8-disubstituted 1,3,8-triazabicyclo decan-2-thiones 2109
- dithiazanine 398, 2311, 3253, 6398, 6434
- dithiazanine plus bephenium hydroxynaphthoate 6398
- dithiazanine iodide 1532, 2052, 5394
- ditrazine (see diethylcarbamazine)
- ditrazine phosphate (see diethylcarbamazine phosphate)
- Diuredosan (diethyl thio phenyl carbamoyl phosphoramidate) 4854
- dl*-tetramisole (see tetramisole)

Anthelmintics contd.

- Dovenix (see nitroxylin eglumine)
 Du 51,635 (see 3',5',5'-tetrabromosalicylide)
 emetine 2220
 mode of action 399
 ethanolamine 1449
 ethanolmorpholine derivatives 5969
 Etrenol (see hycanthone)
 Exhelm II (see morantel tartrate)
 Fasciomid (see tribromsalan)
 Fascol (see hexachlorophene)
 Fen-arsenate (phenothiazine plus lead arsenate) 943
 fenbendazole 348, 355, 363, 370,
 395-396, 408, 438, 444, 884, 899,
 1452, 1478, 1593, 2047-2048, 2074,
 2666, 2686, 2695-2696, 3726, 4265,
 4370, 5356, 5368, 5447-5448, 5458,
 6365, 6499
 fenchlorphos 919, 2057, 2679
 fenthion 2684, 3226
 mode of action 5962
 filaricides 2669
 Filixan (see male fern extract)
 Flukanide (see rafoxanide)
 Foschlor (see trichlorphon)
 fospirate 5439
 fospirate (3,5,6-tri-chlor-2-pyridyl phosphate) 2054
 Fouadin (see stibophen)
 furfuryl dithiocarbamate ethane 2203
 Furidin (see thiofuradene)
 gentian violet 518
 glycols 5969
 GS-23654 5438
 haloxon 6352, 6425
Hedychium extracts 5841
 Hekside (see diphenyl sulphides)
 helenine 876
 Helmatac (see parbendazole)
 Hetol (see hexachloroparaxylenes)
 Hetolin 377
 Hetrazan (see diethylcarbamazine citrate)
 hexachloroethane 3261, 3781, 5878
 hexachloroethane plus carbon tetrachloride 416, 2095, 3261, 4791
 hexachloroparaxylenes 279, 406, 419, 932,
 1506, 1525, 1534, 2073, 2085, 3220,
 3232, 3248, 3261, 3782, 3814, 4280,
 4794-4795, 5408, 6385
 mode of action 399
 residues in milk 2737
 hexachloroparaxylol (see hexachloroparaxylenes)
 hexachlorophane (see hexachlorophene)
 hexachlorophene 380, 416, 912, 1479,
 1504, 1515, 2045, 4131
 mode of action 3258
 hexachlorophene plus carbon tetrachloride 4791

Anthelmintics contd.

- HOE 258V (see 2,6-bis-benzimidazole derivatives)
 HOE 881V (see fenbendazole)
 hycanthone 345, 385, 499, 874, 1031,
 1434, 1486, 1491, 1501, 3287, 3369,
 3711, 3717, 3719, 3724, 3765, 3779,
 3795, 4256, 4276, 4313, 4815, 4833,
 4850-4851, 5362, 5372, 5388, 5392,
 5396, 5422, 5430, 5434, 5733, 5826,
 5855, 5897
 mode of action 2685, 3718
 reviewed 3729
 hycanthone methanesulphonate 3767
 hydrazine derivatives 5969
 hydrocortisone 1031
 hygromycin B 1488, 4867, 5391, 5846,
 5864, 6392
 hygrovetin (see hygromycin B)
 indazoles 5826
 65-318 iodide 3255
 iodine 2089, 3271
 Iodinol (iodine-polyvinyl alcohol plus potassium iodide) 869
 isoallantholactone derivatives 3806
 4-isothiocyanato-4'-nitrodiphenylamine 5890
 kainic acid plus santonin 2667, 2693,
 2716
 kamala 634, 2710, 4849
 ketobutylcyclohexandione derivatives 5969
 KP-5 (see carbon tetrachloride plus hexachloroethane)
 KP-4 (carbon tetrachloride plus hexachloroethane plus toluene) 416
 l-tetramisole (see levamisole)
 levamisole 352, 356, 358, 366, 389, 435,
 890, 1472, 2038, 2042-2043, 2050,
 2069, 2077, 2088, 2125, 3108, 3230,
 3240-3242, 3293, 3295, 3712, 3726,
 3734, 3738, 3744, 3763, 3774, 3816,
 4267, 4283, 4293, 4792, 4809, 4842,
 4852, 5360, 5413, 5431, 5705, 5823,
 5849, 5861, 6368, 6395, 6419, 6499
 dermal application 2681-2682
 inhibiting histamine release 1883
 mode of action 3235, 5426
 levamisole camphorsulphonate 6408
 levamisole hydrochloride 418, 422, 912,
 1502, 1521, 1545, 2311, 3269, 3759,
 3789, 4386, 5015
 levamisole hydrochloride plus piperazine dihydrochloride 2087
 levamisole hydrochloride plus piperazine phosphate 2087
 levamisole hydrochloride plus trichlorphon 2087
 levamisole phosphate 3227, 3789
 Lopatol (see cantrodifene)
 Loxuran (see diethylcarbamazine citrate)
 lucanthone 1434, 5422, 5826

Anthelmintics *contd.*

- magnesium sulphate 2658
- malachite green 3291
- male fern extract 1522–1523, 2114, 5858
- manganese arsenate 2059
- Mansonil (see niclosamide)
- Masoten (see trichlorophen)
- mebendazole 382, 384, 387–388, 429, 443, 897–898, 901–902, 906, 930, 945, 1442, 1474, 1496, 2028, 2039–2042, 2048, 2053, 2064, 2082, 2088, 2111, 2680, 2692, 2706, 2735, 3284, 3289, 3292, 3294, 3709, 3712, 3726, 3746, 3794, 4260, 4263, 4283, 4300, 4312, 4320, 4374, 4642, 4803, 4831, 5357, 5379, 5418, 5456, 5859, 5861, 5893, 6361, 6366, 6368, 6380, 6409
 - mode of action 875, 2661
- mebendazole plus thiabendazole 3787
- mebendazole plus trichlorophen 3278
- menichlofolan (see niclofolan)
- menichlopholan (see niclofolan)
- mepacrine 4797
- mepacrine hydrochloride 2036, 2659
 - mode of action 5962
- metam-sodium 2684, 3226
- methotrexate plus thiabendazole 3270
- methyl 5 (6)-phenylsulphinyl-2-benzimidazolecarbamate 2031
- methylbenzene (see toluene)
- methylridine 934, 1444, 2044, 2687, 3241
- Metiljin (see oxyclozanide)
- metrifonate (see trichlorophen)
- metronidazole 402, 424, 928, 1459
- Mintezol (see thiabendazole)
- Mintic (see methylridine)
- morantel tartrate 2115, 3295, 4374, 5413, 5450, 6368
- morantel tartrate plus bithionol sulphoxide 2790
- morantel tartrate plus diethylcarbamazine citrate 3815
- naftalofos (see naphthalophos)
- naphthalophos 5410, 6417, 6437
- naphthamon (see bephenium hydroxynaphthoate)
- Neguvon (see trichlorophen)
- Nemicide (see levamisole hydrochloride)
- niclofolan 271, 1504, 1511, 1520, 1543, 2032, 2037, 2049, 2718, 2727, 3280, 3810, 4806, 5957, 6343
- niclosamide 400, 529, 951, 1490, 1497, 1515, 1534, 1549, 1911, 2027, 2062, 2068, 2072, 2081, 2092, 2124, 2659, 3266, 3435, 3766, 3813, 4279, 4289, 4327, 4373–4374, 4517, 4797, 5363, 5383, 5393, 5443, 5876, 5969, 6414
 - mode of action 399, 2084
- niclosamide plus copper sulphate 1481
- niclosamide plus dichlorophen 4817, 5393

Anthelmintics *contd.*

- niclosamide plus trichlorophen 3267, 4286, 4817, 5393
- nicotinic acid derivatives 1444
- Nilverm (see tetramisole hydrochloride)
- Nilzan (see oxyclozanide plus tetramisole)
- niridazole 381, 402, 866, 1031, 1498, 1589, 1882, 2481–2482, 2722, 2824, 3369, 3731–3732, 3783, 4088, 4140, 4251, 4259, 4262, 4637, 4807, 4812, 4814, 4833, 4848, 5422, 5540, 5855, 5866, 6150
 - mode of action 3718
- nitrofurantoin 5824
- nitroscanate 2678
- 5-nitrothiazoles 3741–3742
- nitroxynil 912, 2090, 3797, 3812, 4252, 4318, 5387
- nitroxynil eglumine 1480, 1520, 5366, 5419, 6424
- 5-nitro-4-thiazolines 3741–3742
- 1-(5-nitro-2-thiazolyl)-2-imidazolidinethione 1463
- Noxide (see nicotinic acid derivatives)
- organic phosphorus compounds 4855
- organic trivalent antimonials 3213
- organophosphates 5400
- organophosphorus compounds 1485
- Ovithelm (see morantel tartrate)
- oxamniquine 2660, 2670, 2728, 3721, 4311, 4815, 4832–4833, 4851, 5430, 6410
- oxantel pamoate 405, 2702, 3279, 5879–5880
- oxantel plus pyrantel 3714
- oxantel plus pyrantel pamoate 2714
- oxibendazole 2042, 2066, 2690, 5421
- Oxide (see diphenyl sulphides)
- Oxinide (see diphenyl sulphides)
- oxyclozanide 376, 912, 1479, 2027, 2032, 2676, 4373, 5957, 6416
 - mode of action 3258
- oxyclozanide plus tetramisole 376, 4373, 4834, 5835
- oxyclozanide plus tetramisole hydrochloride 2676
- oxygen 3754
- oxyphenizidole 2101
- Paludrine (see proguanil hydrochloride)
- Panacur (see fenbendazole)
- parbendazole 353, 2710, 3038, 3747, 3774, 4322, 5379, 5873, 6367–6368
- paromomycin 894
- paromomycin sulphate 2710
- phenasal (see niclosamide)
- phenothiazine 373, 415, 634, 934, 1085, 1447–1448, 1470, 1482, 1533, 1718, 2733, 3281, 3288, 3299, 5381, 5408, 5416, 5424, 6351, 6427
 - mode of action 1371

Anthelmintics contd.

- phenothiazine plus piperazine hexahydrate 4258
- phenothiazine salt plus copper sulphate 1435
- phenothiazine plus salts 1483
- phenothiazine plus thiofuradene 2698
- phenothiazine plus trichlorphon 3278
- Phenovis (see phenothiazine)
- 2-phenylbenzimidazole (see phenzidole)
- p-phenylenediisothiocyanate (see bitoscanate)
- 2-phenyloxazol 6368
- phenzidole, chromatography 3234
- phthalophos (see naphthalophos)
- Pig Wormer (see tetramisole hydrochloride)
- piperazine 254, 365, 865, 1085, 1441, 1476, 2689, 2729, 3214, 3231, 3281, 3706, 4253, 4321, 4326, 5302, 5403, 5405, 5424, 5427, 5446, 6351, 6362, 6376, 6391
- mode of action 4302, 5962
- piperazine adipate 388, 1470, 2070, 2073, 2102, 2667, 2693, 2716, 4315, 5969
- piperazine adipate plus thiabendazole 4375
- piperazine biguanide derivatives 3796
- piperazine citrate 344, 392, 845, 5298, 5455
- piperazine diantimonyl tartrate 3213, 3703-3705, 3730
- piperazine dihydrochloride plus levamisole hydrochloride 2087
- piperazine dithiocarbamate 5391
- piperazine hexahydrate 344, 392, 2080, 3761, 4825, 5298
- piperazine hexahydrate plus phenothiazine 4258
- piperazine hydrochloride 4288
- piperazine phosphate plus levamisole hydrochloride 2087
- piperazine salts 344, 392, 847, 5298
- piperazine plus thiabendazole 5847
- Piperex (see piperazine hexahydrate)
- plant extracts 4284, 4299, 4821, 4824, 4838
- Polyhelminicide DGPF 1500
- prednisone 896, 1031
- Preparation G-665 (see amino benzimidazoles)
- Preparation 106 (see trichlorphon analogues)
- Preparation 110 (see trichlorphon analogues)
- Preparation 231 (see trichlorphon analogues)
- proguanil hydrochloride 425, 4793
- Promintic (see methyridine)
- pumpkin seed extract plus acrichin 441
- pyrantel bitartrate 6429

Anthelmintics contd.

- pyrantel embonate 2716, 3049, 3256, 6429
- pyrantel plus oxantel 3714
- pyrantel pamoate 499, 842, 873, 926, 1518, 1539, 2040, 2083, 2120, 2667, 3257, 3264, 3286, 3880, 4278, 4294, 4830, 5373, 5455, 5880
- pyrantel pamoate plus oxantel 2714
- pyrantel tartrate 415, 421, 2101, 2112, 2115, 2656, 3298, 3726, 3774, 3800, 4274, 4298, 6405
- pyrantel tartrate plus diethylcarbamazine tartrate 5456
- pyrantel plus tetramisole 6402
- pyrvinium 4326
- pyrvinium pamoate 411, 3216
- quinine 1507
- quinine isomers 1507
- 4-quinolinehydrazones 3771
- Radeverm (see niclosamide)
- rafoxanide 912, 1479, 2030, 2662, 3775-3776, 5206, 5432, 5444, 5877, 5904
- rafoxanide analogues 4281
- rafoxanide plus thiabendazole 5432, 5877
- Ranide (see rafoxanide)
- Ranizole (see rafoxanide plus thiabendazole)
- resorantel 369, 1527, 1547, 4289, 4373, 5435
- Ripercol (see tetramisole hydrochloride)
- Ripercol L (see levamisole)
- rubidomycin 6372
- Ruelene (see crufomate)
- Rumiverm 2071
- S-(benzoxazol-2-thionylmethyl)-N-substituted dithiocarbamates 893
- Safersol (see piperazine citrate)
- Sagimid (see niclosamide)
- salicylanilide derivatives 3784
- Sansalid 6382
- Santamon (see bephenium hydroxynaphthoate plus santonin)
- santonin plus bephenium hydroxynaphthoate 3276
- santonin plus kainic acid 2667, 2693, 2716
- sarcosine-acridine 5861
- Savermin (see niclosamide)
- sodium antimony dimethylcysteine tartrate 393
- sodium antimony gluconate 1498
- sodium chloride 4861
- sodium salicylate 6370
- sodium salt of dimethyl-4-chlorophenoxy acetic acid 2684, 4820
- sodium selenite 4861
- stibophen 1041
- mode of action 2723

Anthelmintics *contd.*

- substituted β -amino-ketones 3739
- 2-substituted benzimidazoles 4864
- Suiverm (see piperazine adipate plus thiabendazole)
- sulphene (see bithionol sulphoxide)
- suramin 401, 5386, 5822, 5842
- tartar emetic (see antimony potassium tartrate)
- TBTO 921
- Telmin (see mebendazole)
- Terenol (see resorantel)
- 3,3',5,5'-tetrabromosalicylide 1504
- Tetrafinol (see carbon tetrachloride)
- tetramisole 359, 361, 389, 415, 430, 443, 934, 1441, 1519, 1546, 2069, 2666, 2724–2725, 2732, 3249, 3263, 3272, 3295, 3299, 3769, 4287, 5459, 6362, 6368, 6381, 6395
- tetramisole hydrochloride 368, 903, 938, 1444, 1458, 1471, 2676–2677, 3247, 3277, 3298, 3774, 3786, 4288, 4303, 4374–4375, 4834, 4860, 5423, 5825, 5870, 5873, 5898, 5913, 6351, 6359, 6400, 6422
- tetramisole hydrochloride plus oxyclozanide 2676
- tetramisole-levamisole, immunostimulation of vaccines 3592
- tetramisole plus oxyclozanide 4834, 5835
- I*-tetramisole (see levamisole)
- thiabendazole 346, 352, 377, 896, 934, 1006, 1226, 1246, 1444, 1466, 1496, 1613, 2014, 2042, 2055, 2061, 2076, 2080, 2116, 2655, 2657, 2663, 2666, 2705, 2731, 3059, 3218, 3236, 3241, 3243, 3272, 3281, 3299, 3713, 3728, 3738, 3766, 3768, 3774, 3788, 4148, 4249, 4274, 4287–4288, 4303, 4319, 4325, 4456, 4797, 4823, 4828, 4837, 4983, 5391, 5394, 5402, 5413, 5428, 5459, 5825, 5850, 5861, 5893, 5898, 6352, 6390–6391, 6426
- chromatography 3234
- mode of action 3733
- thiabendazole plus bithionol sulphoxide 2790
- thiabendazole plus mebendazole 3787
- thiabendazole plus methotrexate 3270
- thiabendazole plus phytohaemagglutinin 3270
- thiabendazole plus piperazine 5847
- thiabendazole plus rafoxanide 5877
- thiabendazole plus trichlorophen 3278
- thiacetarsamide 2311, 4804
- thiacetarsamide sodium 418, 1532
- Thiabendazole (see thiabendazole)
- Thibendole (see thiabendazole)
- Thibenzole (see thiabendazole)
- thiofuradene 2698, 4315, 6351
- thiofuradene plus phenothiazine 2698
- thiophanate 2719

Anthelmintics *contd.*

- thiophene derivatives 433
- Tiguvon (see fenthion)
- tin arsenate 1522, 1911, 2063, 2068, 2072
- tin compounds 5969
- toluene 1476
- p*-toluoyl chloride phenylhydrazine 367, 6369
- Tremanol 4314, 4327
- Tremanol (bithionol plus 2,4-dichlorophenol) 416
- Trematol (see bithionol plus 2,4-dichlorophenol)
- tribromsalan 2106
- trichlorophen 3267, 3735, 3778, 5393
- trichlorophen plus niclosamide 3267, 4286, 4817, 5393
- trichlorophen 913, 918, 1041, 1451, 1477, 2049, 2096, 2113–2114, 2683–2684, 3233, 3250, 3299, 3727, 3752, 4250, 4264, 4287, 4811, 4815, 4820, 4843, 4851, 4856–4857, 4871–4872, 5390, 5394, 5429, 5850, 5873, 5971, 6381
- mode of action 4858
- trichlorophen analogues 4856–4857
- mode of action 4858
- trichlorophen plus atropine 4248
- trichlorophen plus levamisole hydrochloride 2087
- trichlorophen plus mebendazole 3278
- trichlorophen plus phenothiazine 3278
- trichlorophen plus thiabendazole 3278
- Trichlosal (see niclosamide plus trichlorophen)
- Trodax (see nitroxynil)
- Trolene (see fenchlorphos)
- tubercidin 3743
- UK 4271 (see oxamniquine)
- Vaccinium vitis-idaea* extract 2070
- various 355, 360, 383, 394, 403, 412–413, 432, 436–437, 439, 442, 445, 623, 669, 862, 878, 887, 895, 905, 907, 924, 1002, 1432, 1455, 1473, 1510, 1513, 1526, 1661, 1668, 1936, 2056, 2078, 2085, 2093, 2119, 2123, 2668, 2671, 2675, 2691, 2708, 2717, 2726, 2729–2730, 3217, 3228, 3297, 3349, 3702, 3723, 3725, 3751, 3757, 3801–3802, 3817, 3888, 3909, 4270–4271, 4275, 4290–4291, 4374, 4702, 4796, 4798, 4819, 4827, 4835, 4935, 5061, 5378, 5380, 5382, 5400, 5404, 5412, 5415, 5425, 5627, 5836, 5851, 5856, 5885, 5893, 5910, 5912, 5965, 6356, 6364, 6378, 6383, 6389, 6399, 6401, 6415, 6438
- affecting lactic acid dehydrogenase 417
- calculation of efficacy 6371
- carcinogenicity 5399
- chromatography 3234

Anthelmintics contd.

various contd.

- compared 446, 3799
- cutaneous application 4842
- dermal application 2681–2682
- discussed 5437
- filaricides 5411
- history 946, 2121
- & immunity 3108
- immunostimulation of vaccines 3592
- lethal dose calculated 5969
- mode of action 399, 875, 937, 1484, 2107, 2661, 2673, 2685, 2712, 2723, 3064, 3225, 3235, 3258, 3712, 3718, 3733, 3806, 3891, 4276, 4302, 4858, 5302, 5358, 5426, 5441, 5962, 5967, 6396
- mutagenicity 5372, 5385, 5392, 5396, 5422, 5430, 5434, 5826
- as prophylactics 4254
- residues in meat 484
- reviewed 420, 988, 1499, 2122, 4289, 6361
- schistosomicides 5367, 5376, 5385, 5398–5399, 5441–5442, 5837–5838
- screened 434, 2067, 6384
- technique for administering, to fish 1490
- technique for detecting
 - in animal tissue 5429
 - in milk 6424
- technique for estimating, activity 440
- technique for evaluating 925
- technique for labelling 1542
- technique for screening 362, 365, 2586, 2759
- technique for testing, activity, by implanted diffusion chambers 5397
- techniques for studying, pharmacology & toxicology 4866
- tested 379, 426, 5862
- use in combination, discussed 3770
- Verban (see piperazine hydrochloride)
- vincofos 2065
- vipryinium (see pyrvinium)
- Wopell (see plant extracts)
- Woppell (see plant extracts)
- xanthone analogue 3722
- Yomesan (see niclosamide)
- Z-50 (see fenchlorphos)
- Z-51 (see bromophos)
- Zanil (see oxyclozanide)
- zinc sulphate 4861
- 26,354 R.P. (1-(5-nitro 2-thiazolyl)imidazolidine 2-thione) 3224
- in meat 1493
- in milk 1493, 2737, 5449, 5824, 6385, 6424
- Antidorcas marsupialis*, helminths 4471
- Antigastra catalaunalis*, *Mermis* 6128
- Antorchis holacanthi*, synonym of *Antorchis urna* 5678

Antorchis contd.*A. urna*, synonymy 5678**Ants**

- Dicrocoelium* 1403
- D. dendriticum* 1419, 3684, 5077, 5655
- helminths 5650
- mermithids 5650
- Anura, digeneans 5669
- Apatemon cobitidis*, morphology 694
- A. fuligulae*, in *Leuciscus idus oxianus*, in USSR (Aral Sea), new record (g. & h.) 2930
- A. gracilis minor*, in *Herpobdella octoculata*, host survival & metacercarial infectivity 1574
- Apertile holocentri*, n.comb., for *Neopecoelus holocentri* 5677
- Aphelenchoides brachycephalus*, to *Berntsenus brachycephalus*, n.g., n.comb. 2180
- A. conophthori*, n.sp., in *Conophthorus coniperda*, in USA 2188
- A. hylurgi*, n.sp., in *Hylurgops pinifex*, in USA 2188
- A. pityokteini*, n.sp., in *Pityokteines*, in USA 2188
- A. polygraphi*, n.sp., in *Polygraphus hoppingi*, in USA 2189
- Aphelenchus avenae*, cross antigenicity with helminths 2475
- Aphodius fimetarius*, *Eudiplogaster aphodii* 4896
- Aplectana ivanitzkyi*, n.sp., in *Natrix natrix*, in USSR (European) 5178
- A. uropeltidarum* n.sp.
 - in *Rhinophis*, & *Uropeltis*, in Sri Lanka 700
 - in *Teretrurus sanguineus*, in India 700
- Aplodinotus grunniens*, *Camallanus oxycephalus* 5473
- Aploparaksis**
 - in Charadriiformes, in USSR, survey 622
 - cysticercoids, in oligochaetes, in USSR (Siberia), morphology 5140
- A. birulai*
 - cysticercoids, in *Lumbriculus variegatus*, in USSR (Far East), morphology 6181
 - in *Somateria fischeri*, morphology 6181
- A. brachyphallos*
 - cysticercoids, in *Stylodrilus*, morphology 6181
 - in *Philomachus pugnax*, life-history, & morphology 6181
 - synonymy 6181
- A. furcigera*, life-history 964
- A. parabirulai*, n.sp., in *Macrorhamphus griseus*, in USSR (Far East) 6180
- A. scolopacis*, in *Scolopax rusticola*, in USSR (Ukraine), validated 2982

Aploparaksis *contd.*

A. uelcal, synonym of *Aploparaksis brachyphallos* 6181

Apocreadium cryptum, n.sp., in *Haemulon parrai*, & *Anisotremus virginicus*, in USA (South Atlantic) 5676

A. foliatum, n.comb., for *Homalometron foliatum* 5678

Apodemus agrarius, *Syphacia*, n.sp., [not named or described] 5686

A. flavicollis

Catenotaenia matovi n.sp. 4595

Syphacia frederici 1777

S. stroma 1777

A. sylvaticus

Aspiculuris tetraptera 2461

Catenotaenia matovi n.sp. 4595

Hymenolepis, n.sp., [not named or described] 2432, 2530

Orthoskrjabinia bobica 5156

Syphaciurus rodenti n.sp. 1211

Apophallus donicus, metacercariae, in freshwater fish, in Poland, morphology 2425

A. muehlingi, metacercariae, in freshwater fish, in Poland, morphology 2425

Aporia, n.ordo 2200

Aporocotyle simplex
miracidia, morphology 2423

ova, morphology 2423

Aporrectodea trapezoides, *Rhabditis pelloi* 3497

Aprocta cylindrica

larvae, in *Locusta migratoria*, experimental 2203

in *Ploceus cucullatus*, in Central Africa 2203

in *Quelea quelea*, in Central Africa 2203

Aprostotandrya octodonensis, n.sp., in *Octodon degus*, in Chile 3014

Apteryx

Cyrnea apterycis n.sp. 2992

Heterakis gracilicauda n.sp. 2992

Aquila chrysaetos, *Microtetrameres aquila* 3519

A. clanga, *Centrorhynchus olssoni* 1091

Arabian Sea, trematodes, in fish 1394

Aroapyrgus costaricensis

ecology, & laboratory maintenance 1767

Paragonimus mexicanus 1767

Archaeological material

Ascaris, ova 2259

A. lumbricoides, ova 4407, 4415

helminths 2383

hydatid 3910, 5565

Trichuris, ova 2259

T. trichiura, ova 4407

Arctic

Anisakis 1746

helminths, in man 5347

Terranova decipiens 1746

Arctodiaptomus bacillifer

Gastrotaenia dogieli 6463

Retinometra macracanthos 2361

R. pittalugai 2361

A. salinus

Retinometra macracanthos 2361

R. pittalugai 2361

Ardeidae, *Dendroterina junonia* n.sp. 3338

Ardeiformes, *Parvitaenia macrocoleo* n.sp. 3338

Ardeola grayi, *Clinostomum piscidium* 1571

A. ibis ibis, *Renicola ardeolae* n.sp. 3520

Argentina

Ancylostoma braziliense 3973, 5028

A. caninum 3973, 5028

A. tubaeforme 3973, 5028

Dictyocaulus 890

digenean larvae, in *Biomphalaria orbigny* n.sp. 2943

Echinococcus granulosus 1204, 4483

Fasciola hepatica 3922

gastro-intestinal nematodes

in cattle 890, 1664

in sheep 2719

Haemonchus contortus 6419

hydatid 2840

Ostertagia circumcincta 6419

Tetrameres tinamicola n.sp. 2444

Trichostrongylus axei 6419

Argentina elongata, *Polyipnicola argentinae* n.sp. 6162

Argyrops filamentosus, *Bivagina heterospina* n.sp. 682

A. spinifer

Allopodocotyle argyropsi n.sp. 5674

Atraster spinifer n.sp. 2966

Bivagina heterospina n.sp. 682

Aristichthys nobilis, *Dactylogyrus aristichthys* 4722

Armadoskrjabinia, taxonomy 2986

Armigeres subalbus, in Japan, feeding on dog & man 5817

Aroapyrgus colombiensis, *Paragonimus caliensis* 118

Arripis trutta

Parahemiurus 152

P. arripidis n.sp. 152

Arthropods

control 5389

(book) 3347

filariids 5518

helminths 2171, 4011

parasites 3470

Plagioporus shawi 2760

Arthrostoma longespiculum, scanning electron microscopy 4616

Artyfechinostomum sufrartyfex

in dog, pathology 5270

in rabbit, pathology 5270

in rat, pathology 5270

Arvicanthus niloticus, *Schistosoma mansoni*

3439

Arvicola sapidus, *Rictularia proni* 2388*A. terrestris*, *Strigea falconis* 664*Ascarid* larvaein *Lumbricus*, metam-sodium 4869

in mouse

 β , β -chloronitrostyrene 1530

2-chloro-,4-naphthoquinone 1530

Ascarid larvae & ova, on vegetables, in

USSR (Azerbaïdzhan) 4238

Ascarid ova

1,4-naphthoquinone derivatives 1531

purine derivatives 1531

pyrimidine derivatives 1531

sodium phenolate 5889

in soil, in Czechoslovakia, ovids 3793

Ascaridata, reservoir parasitism, discussed

1570

Ascaridia

in earthworms, in USSR (European) 649

in fowl

anaphylactic shock & pathology 3052

chemotherapy 2048

chemotherapy & productivity 4315

diagnosis, (thesis) 5983

histopathology 5263

immunology 1281

in USSR

chemotherapy 1432

parabendazole 6367

phenothiazine plus piperazine

hexahydrate 4258

in USSR (Estonia), survey 1090

in USSR (European)

chemotherapy 6351

epizootiology 649

housing conditions 1089

hygromycin B 1488, 5846

incidence in intensive farms 6092

intermediaries, & seasonal variation 1412

in USSR (Lithuania), control, &

incidence 1085

in USSR (Ukraine)

chemotherapy 2698

host specificity & diet 1102

incidence & control in intensive farms 5857

in USSR (Uzbekistan)

local survey 5058

ova contaminating environment

5326

seasonal variation 5056, 5622

& Newcastle disease, in fowl, immunity

1253

ova

in soil, technique for assessing,

contamination 4329

technique for assessing, viability 3822

A. columbae, in pigeon, in Japan 5064*Ascaridia* contd.*A. cumbumensis*, n.sp., in *Centropus**sinensis*, in India 204*A. dissimilis*, karyotype 4350*A. galli*

antigenicity 748

ATP activity 293

carboesterase & leucine aminopeptidase activities 1963

chromosomes 3321

chymotrypsin & trypsin inhibitors 4740

& *Eimeria tenella*, in fowl, volatile fatty acids 5114

in fowl

alkaline phosphatase activity 5298

in Bulgaria, Tremanol 4314

carbohydrate metabolic products & infection 5777

chemotherapy 392, 4288, 5298

control 4253

duration of intestinal parasitism 3450

in egg 3988

host energy & nitrogen metabolism 4737

pathology of thymus 1319

pyrantel tartrate 6405

resistance 6225

transmission by flies 4853

in USSR (Far East), piperazine

hexahydrate 3761

in USSR (Georgia), tin arsenate 2063

in USSR (Kazakhstan), age & seasonal variation 3675

in USSR (Kirgizia)

age & seasonal variation 847

chemotherapy 847

in USSR (Ukraine), pathology 1921

vitamin deficiency 5289

fumarate reductase activity 5319

glucose phosphorylation 5291

& *Heterakis gallinae*, in fowl, pathology 1300

homogenate, in horse, toxic reaction & anaphylactic shock 3114

in vitro, cholinesterase activity &

ammonium salts of phosphonic & phosphinic acids 4305

karyotype 4350

morphology 2995

ova

organic phosphorus compounds 4799

in soil

development & survival 5800

in USSR (Ukraine), soil type & survival 1382

oviposition 1969

peroxidase activity 1954

phosphomonoesterases 300

proteolytic enzymes 5301

scanning electron microscopy 2994

technique for counting, chromosomes 2773

***Ascaridia galli* contd.**

- trichlorphon, mode of action 4858
- trichlorphon analogues, mode of action 4858
- trypsin & chymotrypsin inhibitors 1360
- & viruses, in fowl, transmission by ova 6153

A. lucknowensis*, n.sp., in *Centropus sinensis*, in India 4608**A. nepalensis*, n.sp., in *Lophophorus impejanus*, in Nepal 4604*****A. skrjabini*, in *Tetraogallus tibetanus aquilonifer*, in Nepal, new record (h.) 4604****Ascaridoidea**

- key to genera 4064
- in *Larus canus*, in Norway, age & seasonal variation, & morphology 2324

Ascarids

- in animals
 - & man, reviewed 4387
 - in Sweden, transmission to man 4781
- cross antigenicity 748, 4123
- in dog
 - chemotherapy 5455
 - in Italy, local survey, & seasonal variation 1695
- in horse, mebendazole, paste 4831
- in man
 - in Africa, incidence, discussed 4440
 - diagnosis by parasite enzymes 3182
- in pigeon, in USA, localization in brain 6089
- serodiagnosis 5703

Ascaris

- allergen, immunochemistry, reviewed 3102
- antigen
 - in dog
 - anaphylactic shock 5730
 - blood coagulation 6256
- antigens
 - in rabbit, effect on heart 1918
 - specificity 3018
- ascorbic acid metabolism 5961
- & asthma, in man, animal models 4655
- & *Balantidium*, in pig, in USSR (European), control, & economic loss 1505
- body fluid, in cat, spinal cord reflexes 3614
- detoxication mechanism 5519
- development & morphology of neuromuscular system 6205
- & *Enterobius vermicularis*, in man, biochemical diagnosis 2136
- fertilization & embryonic development 982
- in vitro, antigen-induced mediator release from canine lung 5214

***Ascaris* contd.**

- in laboratory animals, pathology of brain 3641
- larvae, in guinea-pig, migration 257
- lecithins & eosinophilia 2458
- in mammals, chemotherapy, reviewed 394
- in man
 - age of parasite & seasonal variation 6338
 - allergy 5244
 - in Bahamas, mebendazole 945
 - in Brazil
 - chemotherapy 1441
 - intestinal obstruction, reviewed 269
 - in Cuba, umbilical expulsion 6021
 - diagnosis using *Ascaris* & *Toxocara* antigens 5247
 - diagnosis by X-ray 1014
 - dysentery 5750, 6273
 - erroneous diagnosis & surgery 5563
 - granulomatous peritonitis 4433
 - incidence, & symptoms 3399
 - in India
 - acute uraemia 4968
 - host vitamin A levels 3393
 - intestinal perforation 3904
 - volvulus of small intestine 3362
 - in Iran
 - chemotherapy 887
 - chemotherapy & sanitation 865
 - epidemiology, & incidence 842
 - in Japan
 - diagnosis by endoscopy 535
 - serum IgE 4690
 - in Korea
 - chemotherapy 2693
 - serum proteins 2468
 - levamisole 2125, 4792
 - in Liberia, fenbendazole 5368
 - mebendazole 2692
 - in Pagani
 - aetiology of anaemia 758
 - IgE levels 5710
 - pathology of lung 1914
 - pathology of stomach 1915
 - in Philippines, pyrantel pamoate 5373
 - in Rumania, diagnosis, & incidence 5964
 - in South Africa
 - abdominal symptoms 539
 - biliary involvement, & diagnosis by cholangiography 5538
 - in Thailand, liver abscesses 6014
 - in USSR
 - chemotherapy 3214
 - control 5828
 - & epidemiology, report 559
 - control by sanitation 5894
 - in USSR (Azerbaïdzhan), pyrantel pamoate 4278
 - in USSR (European) 6349

Ascaris contd.in man *contd.*in USSR (European) *contd.*control programme 5427, 5869,
5871, 5886

control programme results 6423

eosinophilia 6278

epidemiology 5807

health education 5902

host physical development 5530

incidence, & control programmes
6360

in USSR (Georgia)

climatic zoning & incidence 5820

incidence, & control, reviewed 6430

incidence & foci 2281

intestinal occlusion 1906

levamisole 3816

piperazine adipate 2102

in USSR (Lithuania)

immunodiagnosis 5964

local survey 1021

in USSR (Moldavia), control, reviewed
892

in USSR (Siberia), epidemiology 336

in USSR (Tadzhikistan)

chemotherapy 3706

control 5405

epidemiology 5336

in USSR (Ukraine)

control by sanitation 915

diagnosis, & epidemiology 534

incidence & distribution 3876

incidence & treatment in rural areas
1640

local survey 553, 2825

regional variation 1643

zoonotic infections, reviewed 1652

metabolic by-products

in rabbit, pathology of uterus 5743

in rat, pathology of uterus 5743

in mouse, immunogenicity of *Rhabditis axei* 5199

ova

in archaeological material, in Britain
2259

in faeces, technique for detecting 2132

on grapes, in USSR (Moldavia),
incidence 1423

irradiation & storage 237

in manure, control by ammonia 5831

Roccal 4266

in sewage

control by ammonia 5830

in Iran, survival 851

retention in soil 2105

in USSR (Tadzhikistan), survival
5327

in soil

fertilizers 1467

in USSR (Azerbaijan)

development & survival 3196

Ascaris contd.ova *contd.*in soil *contd.*in USSR (Azerbaijan) *contd.*

epidemiology 3686

in USSR (European) 6349

metam-sodium 5908

in USSR (Lithuania), survival 1383

in USSR (Siberia) 336

in USSR (Tadzhikistan), faecal
fertilizer 5336in USSR (Uzbekistan), metam-
sodium 5860

in vegetables

in USSR (Azerbaijan) 3197

in USSR (Siberia) 336

in pig

faecal enzymes 1322

hygromycin & immunological status
3259intradermal reaction with *Rhabditis axei* antigens 5199

pathology of bile duct 5252

in USSR, hygromycin B 5864

in USSR (Belorussia), hygromycin B
4867

in USSR (European)

chemotherapy 5390

hygromycin B 6392

in USSR (Far East), incidence 5589

in USSR (Lithuania), control, &

incidence, reviewed 1440

in USSR (Ukraine), age variation, &
prophylaxis 6055

stibophen, mode of action 2723

& *Toxocara canis*, in pig, pathology &
allergic reaction, compared 3155***A. columnaris***in rabbit, in USA (East North Central),
outbreak 322in *Sylvilagus floridanus*, in USA (South
Atlantic), neurologic syndrome 2316***A. lumbricoides***

antigen analysis 4692

antigen/antibody complexes 1283

antigenicity 748

& *Ascaris suum*, species specificity of
proteins 5778

& asthma, in man, in Pagini 1880

& *Caenorhabditis elegans*, neurons,
compared 1967carbohydrate content of intestinal cells
4767

cuticle collagen 5773

cuticle digestion by *Clostridium**histolyticum* collagenase 4184

dityrosine content of cuticlin 288

electron transport 2582

embryology 3315-3316

fasting protein levels 298

Ascaris lumbricoides contd.

- in vitro
 - diphenhydramine & motor activity 1368
 - glycols 5969
 - histamine & motor activity 1368
 - phenol 5969
 - piperazine adipate 5969
 - plant extracts 4299
- ion movements in muscle cells 6291
- lipid metabolism, reviewed 290
- lipids 2595
- in man 2218
 - in Brazil (South East), local survey 1024
 - in Bulgaria, bephenium hydroxynaphthoate plus santonin 3276
 - in Colombia, Loeffler's syndrome 2855
 - in Costa Rica, mass chemotherapy 2080
- in India
 - fatal case 2821
 - granulomatous peritonitis 2261
 - pathology of nervous system 5279
 - peritonitis 4961
- in Iran, reinfection 845
- in Korea, chemotherapy 2667, 2716
- levamisole 435
- in Madagascar, chemical composition
 - host protein loss 5784
- obstruction of Ryle's tube 4444
- in Pagini, serum IgE levels 1880
- pathogenicity 1898
- pathology of appendix 787
- in Peru, pyrantel pamoate 4830
- in Poland 2234
 - age variation 5552
 - epidemiology 5964
 - serum aminotransferase 250
- in USA (West South Central), intestinal obstruction 4406
- metabolism of anthelmintics 1002
- nuclear DNA content during
 - gametogenesis & embryogenesis 6475
- ova
 - anthelmintics as ovicides 375
 - in archaeological material
 - in Netherlands 4407
 - in USA (East South Central) 4415
 - bromine 871
 - control by sodium salts plus calcium superphosphate 900
 - DNA content 5769
 - hydrogen peroxide 871
 - ovicides 1548
 - scanning electron microscopy 3013
 - in soil
 - development 3183
 - in Poland 5964
 - thiabendazole 6388

Ascaris lumbricoides contd.

- ova contd.
 - in soil contd.
 - in USSR (European), development & ecology 6318
 - in swimming pools, in Poland 5964
 - ovogenesis 2776
 - piperazine & phospholipid levels 4302
 - porphyrin content 3647
 - zygote formation 6471
- A. suum**
 - actin 802
 - anomalous specimen 1835
 - antibody mediated cell adherence 5741
 - antieosinophil serum 731
 - antigen analysis 4692
 - antigen/antibody complexes 1283
 - antigenic studies 4130
 - antigenicity 748
 - & *Ascaris lumbricoides*, species specificity
 - of proteins 5778
 - azo- & nitro-reductases 3166
 - & bacteria
 - in pig
 - interaction 4563
 - in USSR, synergism 1171
 - carboesterase & leucine aminopeptidase activities 1963
 - carbohydrate cytochemistry 1377
 - carboxypeptidase inhibitors 5775
 - in cattle, in USSR (Ukraine), case report 1053
 - chromosomes 3321
 - composition & morphology of intestinal basement membrane 3175
 - copper utilization 803
 - dermomyositic lesions 2167
 - in earthworms, in USSR (European), ecology, & incidence 5350
 - electron & hydrogen transport systems in mitochondria 1945
 - element content 4192
 - embryology 3315-3316
 - in fowl, pathology & clinical signs 3154
 - free amino acids 3658
 - germline DNA 2772
 - glutamine-dependent carbamoyl-phosphate synthetase activity 4172
 - glyceraldehyde 3-phosphate dehydrogenase 1362
 - in guinea-pig
 - blood picture 5971
 - cuticular binding of serum 736
 - histamine metabolism & anaphylactic shock 3103
 - host vitamin A levels in blood & liver 4375
 - immunology 5963
 - γ -irradiated ova conferring immunity 6230
 - leukergy 5963, 5969
 - microprecipitation test 4105

***Ascaris suum* contd.**

- pH & ions 5969
- histamine content 3176
- histamine level & piperazine 5302
- histochemistry & ultrastructure of sex organs 4614
- in vitro
 - allantholactone derivatives 3806
 - isoallantholactone derivatives 3806
 - Santamon 1540
 - substituted β -amino-ketones 3739
- in laboratory animals, reagin-like antibodies & resistance 5225
- larvae
 - cuticular reactivity 5217
 - in vitro, mouse peritoneal cell adherence 1885
 - lipid to glycogen interconversion 3178
 - sexual dimorphism 173
- levamisole, mode of action 3235
- in man, pathology, discussed 3120
- metabolism of foreign compounds 1357
- morphology 2995
- in mouse
 - blood changes & superinfection 786
 - cross transmission, & pathology 3701
 - eosinophil response & thymus 741
 - homocytotropic antibody 4636
 - γ -irradiated ova conferring immunity 6230
 - γ -irradiation & development 2598
 - migration 5971
 - pathology of liver 3639
 - pathology of liver & lung 3120
 - pathology of lung 1349
 - resistance to *Ascaris lumbricoides* 210
- muscle protein thermoresistance 6298
- myosin 4198
- NADH:NAD⁺ transhydrogenase 6303
- nitro reductase activity 2594
- 4-nitrobenzoic acid reductase 284
- ova
 - bromine 871
 - control by Actinomycetes 1529
 - control by intestinal bacteria 5973
 - control by sodium salts plus calcium superphosphate 900
 - development & acetic & lactic acids 5971
 - fungi & viability 6312
 - hydrogen peroxide 871
 - in vitro, performic, peracetic & perpropionic acids 3777
- in manure
 - control by drying 5833
 - control by fly larvae 5833
- ovicides 5907
- scanning electron microscopy 3013
- in sewage, survival 849
- in soil
 - development 3183
 - ovicides 6435

***Ascaris suum* contd.**

- ova contd.
 - in soil contd.
 - in USSR, survival & soil type 5793
 - ultrastructure of surface 6195
 - oviposition 1969
 - oxygen consumption 2602
 - phosphopyruvate-carboxylase 3643
 - in pig
 - allergen, (thesis) 5500
 - anomalous specimen 2441
 - cambendazole 4818, 5844, 5853
 - chemotherapy 2729
 - cuticular lesions 1062
 - delayed hypersensitivity 4675
 - in Denmark, pyrantel plus tetramisole 6402
 - eosinophilia & pathogenicity 4730
 - food additives & resistance 2736
 - host breed & susceptibility 2881
 - inducing oesophagogastric ulcer 4155–4156
 - levamisole 366
 - mebendazole, site of drug action 875
 - mepacrine hydrochloride 5962
 - pathology of liver & lung 3120
 - piperazine 5962
 - serum enzyme activities 2170
 - in USA (South Atlantic), survey 1060
 - in USSR (European), intermediaries 5350
 - vaccination 5724
 - weight gain 4375
 - worm burden & faecal egg counts 589
 - worm expulsion & infection rate 4099
 - in Yugoslavia, cambendazole 6421
 - proacrosomal vesicles 6469
 - proteolytic enzymes 5301
 - in rabbit
 - antibodies 3080
 - antigen structure & antibody formation 1884
 - immunology 5963
 - in rat
 - pathology of gonads 4149
 - pathology of sex organs 262
 - scanning electron microscopy 2993
 - scanning electron microscopy of lip denticles 6200
 - technique for removing, cuticle 5973
 - & *Toxocara canis*
 - in guinea-pig, cross antigenicity 214
 - in man, pulmonary manifestations, compared 4699
 - in rabbit, cross antigenicity 3609
 - transaminases 2584
 - ultrastructure of male reproductive system 172
 - & viruses, in pig, interaction 4563
- Ascarophis***
- in decapods, in USA (Pacific), incidence, & morphology 4015

- Ascarophis** *contd.*
 in *Hemigrapsus oregonensis*, in USA (Pacific), incidence, & pathology 4014
 in *Pachycheles rudis*, in USA (Pacific), incidence 4014
- A. cooperi**, in *Macruronus novaezelandiae*, in New Zealand, new record (g.) 94
- A. girelli**, n.comb., for *Rhabdochona girelli* 4066
- A. gymnocranius**, n.comb., for *Rhabdochona gymnocranius* 4066
- Ascarops psittaculai**, n.sp., *Psittacula krameri*, in India 4073
- A. strongylina**
 in pig
 pathology of stomach 1324, 6282
 in USSR (Belorussia) 1692
- Aselus aquaticus**
Acanthocephalus anguillae 3472, 6455
A. lucii 3472
- Asia**
Clonorchis sinensis 2859
 helminths, in mammals 5512
Opisthorchis felineus 2859
O. viverrini 2859
Rhabdochona 4066
- Asia, South East**, *Schistosoma japonicum* 2012
- Asio capensis hova**, *Neodiplostomum spathoides prudhoei* n.subsp. 4043
- Aspiculuris pakistanica**, morphology of female reproductive system 4615
- A. ratti**, in *Millardia melitana*, in India 5351
- A. tetraptera**
 in *Apodemus sylvaticus*, infectivity & cortisone therapy 2461
 in hamster, infectivity & cortisone therapy 2461
 in mouse
 aspiculamycin 3245
 immune expulsion, & localization 1225
 piperazine 365
 thiabendazole 2731
 thiabendazole in feed 6426
 in rat, infectivity & cortisone therapy 2461
 sexual attractants 4171
- Aspidogaster conchicola**, in *Cipangopaludina*, in USSR (Far East) 4001
- Aspidogastrea**, in molluscs, life-history & phylogeny 3837
- Astacus leptodactylus leptodactylus**, parasites 3474
- Asthma**
 & *Ascaris*, in man, animal models 4655
 & *Ascaris lumbricoides*, in man, in Pagini 1880
- Asthma** *contd.*
 & helminths
 in man
 in Nigeria, relationship 1287
 role of IgE, discussed 5708
 & *Schistosoma mansoni*, in man 4709
 & *Strongyloides stercoralis*
 in man 4709
 case report 1657
- Astiotrema**, synonymy 5137
- A. elongatum**, non-specific esterase activity in body-wall 1359
- A. giganticum**, synonym of *Astiotrema reniferum* 5666
- A. lobiiorchis**, synonym of *Astiotrema reniferum* 5666
- A. mehrai**, synonym of *Astiotrema reniferum* 5666
- A. reniferum**
 in *Clarias batrachus*, & *Mystus cavasius*, in India, redescribed, & synonymy 5137
 synonymy 5666
- A. trituri**
 in *Coretus corneus*
 defence reaction 3564
 host starvation & host/parasite glycogen metabolism 4185
 embryology 3831
- Astyanax bimaculatus**
Urocleidoides costaricensis 1177
U. kabatai n.sp. 1177
U. trinidadensis n.sp. 1177
- Asymphyllodora**
 in freshwater fish, morphological variation 4577
 morphology 6171
- A. imitans**
 form A, Witenberg & Eckmann, 1934, synonym of *Asymphyllodora kubanicum* 1121
 in *Hucho hucho*, in Yugoslavia, new record (g. & h.) 6103
- A. indica**, validated 2416
- A. japonica**, in *Bithynia*, in USSR (Far East), new record (g.) 1189
- A. kubanicum**
 in *Cardium edule*, in Caspian Sea, new record (h.) 4016
 morphology 1121
 synonymy 1121
- A. markewitschi**, in *Hucho hucho*, in Yugoslavia, new record (h.) 6103
- A. tincae**
 in *Hucho hucho*, in Yugoslavia, new record (h.) 6103
 in Netherlands, life-cycle 2148
- Atlantic**
Acanthocotyle brachyuropsi n.sp. 5662
A. patagonica n.sp. 5662
A. scobini n.sp. 5662
Calicotyle rosinae n.sp. 5662

Atlantic contd.*Calicotyle contd.**C. sjegi* n.sp. 5662*Gonocerca* 4076

helminths

in Clupeiformes 6111

in fish 1990, 3461

Lacistorhynchus 100*Megalocotyloides patagonicus* n.sp. 5632

monogeneans 5632, 5662

Neogrubea soni, n.sp., [not described]

5632

Podocotyle 4076*Renicola* 100

trematodes, in fish 1394

Atlantic, North*Abyssotrema pritchardae* n.g., n.sp. 2970*Anisakis* 1746*Hudsonia agassizi* n.g., n.sp. 147*Terranova decipiens* 1746**Atlantic, South***Acanthogalea palinurichthydis* n.g., n.sp. 5671*Callorhynchicola, multitesticulatus* 963*Derogenes varicus* 5090

digeneans, in marine fish 5670

Discoverytrema markowskii n.g., n.sp. 5671

monogeneans 5670

in elasmobranchs 2965

Neogrubea stomatae n.sp. 5670*Neolebouria georgiensis* n.sp. 5671*Pavlovskioides prudhoei* n.sp. 5670

trematodes, in elasmobranchs 2965

Atraster, diagnosis emended 2966*A. acanthopagri*, n.sp., in *Acanthopagrus bifasciatus*, in Indian Ocean 2966*A. bifidacanthus*, n.sp., in *Sparus*, in Indian Ocean 2966*A. heterodus*, redescribed 2966*A. salpae*, n. comb., for *Microcotyle salpae* 2966*A. spinifer*, n.sp., in *Acanthopagrus bifasciatus*, & *Argyrops spinifer*, in Indian Ocean 2966*Atrophecaecum*, validity 1811*A. hindusthanensis*, in *Tropidonotus piscator*, in India, redescribed & validity 1811*Aubria subsigillata*, *Opisthorchis lomeensis* n.sp. 1183Australasia, *Wuchereria bancrofti* 6321**Australia***Acanthocephalus crinia* n.sp. 171*Angiostrongylus cantonensis* 552, 1646*Calostaurus mundayi* n.sp. 162*C. thylogale* n.sp. 162*Capillaria rickardi* n.sp. 4075*Cloacina kartana* n.sp. 1214*C. smalesae* n.sp. 1214*Cysticercus* 6379*C. ovis* 3870**Australia contd.***Dipetalonema reconditum* 6063*Dirofilaria immitis* 6063*D. roemeri* 979*Echinococcus granulosus* 321, 341, 872, 3201, 5827*Echinophallus seriolellae* n.sp. 6172*Elaphostrongylus cervi* 4609*Fasciola hepatica* 2372, 2878, 3915, 4465

gastro-intestinal nematodes

in goat 4994

in sheep 4994

Goddardobdella elegans 5935*Haemonchus* 5352*H. contortus* 5413

heartworm 6063

helminths

in animals 497, 1410, 3353

in cat 4786, 5024, 5600

in cattle 4809

in dog 4786, 5024

in domestic animals 1411

in man 1410–1411, 1977, 2020, 4786

in molluscs 1977

in pinnipeds 6082

in sheep 4823, 5360

Heterorhabditis bacteriophora n.g., n.sp. 4068

hookworm 28

hydatid 3–4, 321, 341, 510, 566, 2235, 3201, 5827, 6379

Hymenolepis aklei n.sp. 4075*H. bradleyi* n.sp. 4075*Lobatostoma manteri* 3312*Lymnaea columella* 2372

mermithids 6127

Multiceps multiceps 41

nematodes

in cattle 3870

in sheep 372, 899, 4933

Nematodirus 3870*Neolepidapedon histiopteri* n.sp. 6172*Nicollina antechini* n.sp. 180*Ostertagia* 5352*Paradilepis urceina* n.sp. 3338

parasites, in man 4797

Platynosomum fastosum 5026*Plethorhynchus acanthus* n.g., n.sp. 1804*Spirometra erinacei* 5593*Stammerinema suffodiax* n.sp. 4075*Synhimantus australiensis* 4075*Trichinella* 990

trichostrongylids 5352

Trichuris campanula 1837*Tylocephalum* 4023*Zoogonoides mazuri* n.sp. 6172**Australopeplea ollula**, Schistosomatidae 126**Austria**

helminths

in birds 1777

in hare 5610

- Austria** *contd.*
 helminths *contd.*
 in mammals 1777
 in *Talpa europea* 5040
 in *Vulpes vulpes* 6064
Plagiorchis (Multiglandularis)
 macrobursatum 5040
Soboliphyme hirundiniformis 5040
Syngamus trachea 6370
Syphacia frederici 1777
S. stroma 1777
- Austrobdella rapax***, n.comb., for *Pontobdella rapax* 4907
- Austrobilharzia pulmonale***, n.sp., in *Capella gallinago gallinago*, in China (North East) 3525
- Austrosimulium bancrofti***, mermithids 6127
- Aviosempens***, in goose, in USSR (European), outbreak, & new record (h.) 5053
- A. mosgovoyi***, in aquatic birds, in USSR (European), epizootiology 1425
- Avitellina***
 & enterotoxigenesis, in sheep, in USSR (Kazakhstan), incidence, & control 6287
 in *Saiga tatarica*, in USSR (Kazakhstan), age & seasonal variation 5346
 in sheep
 bithionol sulphoxide 427
 clinical course 1057
 in USSR, diagnosis 1683
 in USSR (Georgia), manganese arsenate 2059
 in USSR (Kazakhstan)
 chemotherapy, & distribution 2068
 prophylaxis 6383
 in USSR (Siberia), local distribution 3418
 in USSR (Tadzhikistan), diphenyl sulphides 1489
- A. arctica***, in *Rangifer tarandus*, in USSR (Far East), chemotherapy, & pathology 1911
- A. centripunctata***
 in sheep
 cambendazole 5401
 in USSR, morphology, overwintering, & seasonal variation 1055
- Axinoides synorchis***, n.sp., in *Chorinemus*, in India 4035
- A. tylosuri***, in *Tylosurus leiurus*, in India, new record (h.) 3517
- Aythya affinis***, helminths 3187
- A. ferina***, *Cotylozetes cubanicus* 5625
- A. fuligula***, *Cotylurus (Cotylurus) strigeoides* 3518
- A. nyroca***, *Cotylozetes cubanicus* 5625
- Azygia inopinata***, n.sp., for *Cercaria mirabilis* 4049
- A. lucii***
 in fish, in USSR, distribution 689
- Azygia lucii* *contd.***
 in freshwater fish, in USSR (Ukraine), morphological variation 4578
 in *Hucho hucho*, in Yugoslavia 6102
 life-history, monographed 5926
 morphology, & taxonomy 4049
- A. robusta***, in fish, in USSR, distribution 689
- Babesia***, & *Trichuris muris*, in mouse, immunodepression 4669
- Baboon**
 Schistosoma bovis 4685
 S. haematobium 3568
 S. mansoni 4685, 5257
 S. rodhaini 4685
- Bacteria**
 & *Ascaris*, in pig, interaction 4563
 & *Ascaris suum*, in pig, in USSR, synergism 1171
 in *Didelphopora merlangi* 676
 & *Dictyocaulus*, in cattle 1174
 & *Dirofilaria immitis*, in mosquito 5520
 & *Fasciola hepatica*
 in cattle 133
 in sheep, antibiotics plus carbon tetrachloride 870
 & *Heterorhabdits bacteriophora*
 in *Culex pipiens* 4068
 in *Galleria mellonella* 4068
 & *Strongyloides ransomi*, in pig, interaction 4034
 & *Trichinella spiralis*, larvae, *in vitro*, technique for studying 5967
 & *Trichuris suis*
 association 2392
 in pig 6152
- Baer, J.G.**, obituary 2784, 3847, 4358, 6481-6482
- Baerbonaia parvitaeniunca madagascariensis***, n.subsp., for *Valipora parvitaeniunca*, Deblock, 1966 *nec* Baer & Bona, 1960 3338
- B. parvitaeniunca parvitaeniunca***, n.comb., for *Valipora parvitaeniunca*, Baer & Bona, 1960 3338
- Bagre bagre***, *Cucullanus bagre* n.sp. 198
- Bahamas**
 Ascaris 945
 Trichuris 945
- Balaenoptera acutorostrata davidsoni***
 Anisakis simplex 2899
 Bolbosoma nipponicum 2899
 Trypanorhyncha 2899
- B. borealis***
 Odontobius ceti 2898
 Ogmogaster antarcticus 2898
 Phyllobothrium delphini 2898
- B. edeni***, *Lecithodermus petrowi* n.sp. 1814
- Balanorchis anastrophus***, in *Bos taurus*, in Brazil (South) 31

Balantidium

- & *Ascaris*, in pig, in USSR (European), control, & economic loss 1505
- & *Trichuris*, in pig, in USSR (European), control, & economic loss 1505

Balanus balanoides, helminths 6116

B. eburneus, helminths 6116

Baltic

- Anisakis* 630
- diplostomatids 1112

Bambusicola thoracica sonorivox, *Tanaisia* *ectorchis* n.sp. 4575

Bandicota bengalensis, *Hepatojarakus bandicoti* 5272

B. indica, *Cyclodontostomum purvisi* 5099

B. savilei, *Cyclodontostomum purvisi* 5099

Bangladesh

Fasciolopsis buski 16

helminths

- in goat 584
- in man 3377

hydatid 2242

parasites

- in goat 1681, 5001
- in man 5460

Schistosoma indicum 1671

S. nasalis 1671

S. spindale 1671

Stephanofilaria assamensis 918

Barbus barbus, trematodes 84

B. sarana, *Neopodocotyle lucknowensis* 4570

Barilius bola, *Ptychobothrium cypseluri* 5070

Basantisia longa, synonym of *Basantisia prolecithum* 5124

B. prolecithum

n.comb., for *Belopolskiella prolecithum* 5124

synonymy 5124

Basidiodiscus ectorchis

miracidia, morphology 5679

ova, morphology 5679

Bathygobius soporator, *Opegaster pritchardae* n.sp. 5676

Bathymermis brevicauda, n.sp., in USSR (European) 489

B. postica, n.sp., in USSR (Kazakhstan) 4072

Batillaria minima, *Philophthalmus hegeneri* 4045

Batrachoides didactylus, *Hemipera sharpei* 3998

Bats (see Chiroptera)

Baylisascaris transfuga, in *Ursus americanus*, in USA (West North Central) 613

Beauveria bassiana, & *Neoaplectana carpocapsae*, in *Leptinotarsa decemlineata*, host response 1146

Beetles (see also Coleoptera)

Cephalobellus scarabaeidi 4006

Beetles contd.

Choanotaenia infundibulum 4517

helminth larvae 1140

nematodes 4006

Physiocephalus sexalatus 3498

Beetles, bark, nematodes 2179, 5693

Beetles, dung, controlling nematode larvae 2051

Behaviour (see also Physiology)

Acanthocephalus jacksoni 828

Ancylostoma braziliense 966

A. caninum 1982

A. ceylanicum 966

A. tubaeforme 825

Ascaridia galli 1969

Ascaris suum 1969

Brugia malayi 2633

Caenorhabditis elegans 2155, 4182, 5794

Cercaria Levantina 9 2972

Cercaria Levantina 10 2972

Cercaria Levantina 11 2972

Cercaria Levantina 12 2972

Cercaria Levantina 13 2972

cercariae 2628

Cryptocotyle lingua, cercariae 690

Diclidophora denticulata 2629

D. luscae 2629

D. merlangi 2629

Dicrocoelium dendriticum, ova 3655

Dictyocaulus viviparus, larvae 2625

Fasciola hepatica 4214

Gorgoderina vitelliloba cercariae 2611

helminths 2796

Heterakis gallinae 3986

Himasthla quissetensis 3185

Hymenolepis diminuta 6319

Lepocreadium setiferoides 3185

Leucochloridiomorpha constantiae,

metacercariae 6297

nematodes 1356, 5768

Nematospiroides dubius 2623

Nippostrongylus brasiliensis 2623, 4645

Onchocerca volvulus 3167, 3186

Panagrellus redivivus 5330

Paragonimus peruvianus 1984

Schistosoma

miracidia 5772

sporocysts 5772

S. haematobium, cercariae 6296

S. intercalatum 5799

S. leiperi 5799

S. mansoni

cercariae 2628, 5325, 6296

miracidia 824, 5310, 5315

S. margrebowiei 5799

S. mattheei, cercariae 6296

Strongyloides papillosus, larvae 5970

Tetrabothrius minor 317

T. procerus 317

Wuchereria bancrofti 4773

Belgium

gastro-intestinal nematodes, in cattle
1678

helminths

in birds 6145

in mammals 6145

Hyostrongylus rubidus 3951

Nasitrema attenuata 3979

nematodes

in cattle 333

in sheep 3925

Troglostrongylus 2082

Belone choram, *Urocotyle pristipoma* 3517

Belopolskiella prolecithum, to *Basantisia*
prolecithum, n.comb. 5124

Benedenia orbicularicola, n.sp., in *Platax*
orbicularis, in India 4035

B. plataxicola, n.sp., in *Platax orbicularis*, in
India 4035

Bering Sea

Cyclocotyloides pinguis 5664

Nybelinia surmenicola 2433

Berntsenus brachycephalus, n.g., n.comb.,
for *Aphelenchoides brachycephalus*
2180

B. labiosus, n.sp., in *Pityokteines elegans*, in
USA 2180

Bhaleraopharynx, synonym of *Xenopharynx*
2976

Biacetabulum meridianum

in *Erimyzon oblongus*

in USA (South Atlantic)

new record (h.) 2343

seasonal variation 6105

Bianium longipygum, n.comb., for
Diploproctodaeum longipygum 5678

B. macracetabulum, n.comb., for
Diploproctodaeum macracetabulum
5678

Bibliography

Cysticercus 481

C. cellulosae 481

Dicrocoelium hospes 478

Diorchis 477

filariids 2378–2379

in man, & mosquito 4548

helminth cytology 480

helminthology, in Cuba, & Czechoslovakia
5493

helminths

in animals, in USSR (Siberia) 127

in fish 2337, 3853

in man 2091, 4427

in vulture 479

in zoo birds 4513

Hirudinea, in North America 2201

hookworm, in USSR 2782

medical parasitology, in Indonesia 2783

Miyazakii, I. 5497

mosquito, & mosquito-borne diseases
2380

Bibliography contd.

parasites, in man, in Brazil (Central West)
5940

parasitology, in Venezuela 1582

Sadun, E.H. 2163

Stefański, W. 475, 5945–5946

veterinary parasitology 987

Bilecithaster, synonym of *Diplangus* 5677

B. ovalis, synonym of *Diplangus parvus*
5678

Bilharziella polonica, in *Rallus aquaticus*, in
USSR (Tadzhikistan), new record (h.)
1723

Biochemistry (see also Histochemistry;
Physiology)

alveolar hydatid 4195, 5306

Angiostrongylus cantonensis 2583

Ascaridia galli 293, 300, 1360, 1954,
1963, 1969, 4740, 4858, 5114, 5291,
5301, 5319

ascarids 3182

Ascaris 2136, 2723, 5519, 5961

A. lumbricoides 288, 290, 298, 2582,
2595, 3647, 4767, 5773, 5778, 6475
cuticle 4184

ova 5769

A. suum 284, 802–803, 1357, 1362,
1377, 1945, 1963, 1969, 2584, 2594,
2602, 3166, 3175–3176, 3643, 3658,
4172, 4192, 4198, 5301–5302, 5775,
5778, 6303

larvae 3178

Astiotrema elongatum 1359

Brugia pahangi 2723

Caenorhabditis briggsae 3173,
4205–4206, 5776, 6305

C. elegans 4759, 5794

cestodes 294

in vertebrates 4201

Coenurus cerebralis 5305, 5791

Cotylophoron cotylophorum 3665

Cysticercus tenuicollis 5305, 5771

Diclidophora merlangi 1354

Dicrocoelium dendriticum 809, 1961,
1963

Dictyocaulus viviparus, larvae 1968

digeneans 805, 3644

Dioecocestus fevita 1359

Dipetalonema wite 2723

Dipylidium caninum 1344

Dirofilaria immitis 4191

D. repens 5304

Echinococcus granulosus, protoscoleces
4769

E. multilocularis 821, 5962

Echinostoma malayanum 3665

Enterobius vermicularis 2136

Eurytrema pancreaticum 1378, 1961,
5790

Fasciola 4193, 5409

F. gigantica 4739, 5285

Biochemistry contd.*Fasciola contd.*

- F. hepatica* 296, 1365, 1369-1370, 1945, 1948, 1952, 1963-1964, 2607, 2618, 3225, 3258, 3643, 4174, 4586, 4748-4749, 4751, 5288, 5291, 5294, 5303, 5319, 5962, 6396
 cercariae 4190
 metacercariae 4190
 miracidia 807, 3652, 4187
 rediae 4189
 sporocysts 4188
Fasciolopsis buski 3665
Gastrothylax crumenifer 3665.5133

Gigantocotyle explanatum 3665

Glossimeta orientalis 1359

Gordius robustus 5783

Haemonchus contortus 1578, 2107, 6309, 6315

Haplometra cylindracea 2605

helminths 208, 810, 1374, 2579, 5961-5962

Heterakis pusilla 1359

hydatid 5296, 5305

Hymenolepis 2723

H. diminuta 297, 811, 1363, 2585, 3662, 4196, 4757, 5316-5317, 5779, 6292

H. microstoma 299, 5316-5317

Isoparorchis hypselobagri 1966, 1973, 3665, 4203, 5311-5313

Leucochloridiomorpha constantiae 6447
 metacercariae 2597

Ligula intestinalis 292

plerocercoids 1376

Litomosoides carinii 2723

Mecistocirrus digitatus 1371, 3181, 5786, 5790, 6302

Mermis nigrescens 3646

Mesocostoides corti 6304

tetrathyridia 806

Microphallus similis 2610

Moniezia benedeni 5296

M. expansa 1357, 5519

Moniliformis dubius 3662, 4765

Necator americanus 2464

nematodes 5286

Nippostrongylus brasiliensis 2464, 6315

Notocotylus attenuatus 5789

N. ephemer 5789

N. imbricatus 5789

N. urbanensis 5119

N. zduni 5789

Oesophagostomum columbianum 1373

O. dentatum 1373

O. radiatum 1373

Opisthorchis felinus 1961

Ornithobilharzia canaliculata 287

Ostertagia circumcincta 4173

Panagrellus redivivus 1974-1975

P. silusiae 1364, 3172, 4761

Paragonimus kellicotti 4186

Biochemistry contd.

Paramphistomum cervi 1961, 5785, 5790

P. explanatum 289

P. microbothrium 4751

Placobdella 984

Plagiorchiata, sporocysts 3650

Quinqueserialis quinqueserialis 5119

Schistocephalus solidus, plerocercoids 2581

Schistosoma bovis 1197

S. haematobium, sporocyst 5299

S. mansoni 302-303, 1955, 1958, 2577, 2608, 2614, 3168, 3171, 4145, 4194, 4743, 4745, 4770

cercariae 285, 817

miracidia 3161, 5310

ova 4631

schistosomula 817

sporocyst 5299

sporocysts 808

Spirometra mansonoides

plerocercoids 6307

sparganum 5788

Stephanurus dentatus 5309

Taenia crassiceps 4744

larvae 1972

T. hydatigena 814-815, 1344, 2612, 5780

T. saginata 3648

T. taeniaeformis 3180

Telorchis bonnerensis 5320

T. corti 5320

Terranova decipiens 3642

Toxocara canis 1344

trematode larvae 2601

trematodes, in fish, & mammals 4199

Triaenophorus nodulosus 4180

Trichinella spiralis 3159, 3169, 3179, 4375, 5307, 5961

larvae 286

Trichuris suis 1367

Turbatrix aceti 800, 5292-5293, 5308

Wuchereria bancrofti, microfilariae 5318

Xenopharynx sola 1359

Biology

Amidostomum anseris 5970

Biomphalaria glabrata 5646

Galba occulta 658

G. truncatula 658

helminths 2452

mermithids 490

monogeneans, in *Alloteuthis subulata* 2940

nematodes 835, 3345

in bark beetles 2179

Neoaeplectana carpocapsae 6458

Paragonimus miyazakii 967

parasites, in man 2178

Biomphalaria

in Brazil, control by

hexabutylidistannoxane slow-release formulations 1465

Biomphalaria contd.

- control by ostracods 4836
- ecology & irrigation schemes 1999
- in Kenya
 - distribution 1622
 - irrigation scheme 2017
- Mollutox 4247
- Schistosoma* 1999, 2017
- S. haematobium* 3194
- S. mansoni* 3194, 5078
- technique for culturing 455
- Typhlocoelum cucumerinum* 5481

B. alexandrina

- control by *Canna indica* extract 3755
- control by niclosamide 3252
- Dursban 3792
- ecology 4784
- molluscicides 3762
- Schistosoma* 3755
- S. mansoni* 1309, 4784
- triphenyltin hydroxide 3285, 3791

B. arabica, Schistosoma mansoni 5334**B. choanomphala choanomphala,**

- Parasymphylodora manteri* n.sp. 6171

B. glabrata

- Angiostrongylus cantonensis* 1152, 1238, 3651, 5204
- control by copper compounds 880
- control by niclosamide 3252
- control by *Physa acuta* 1763
- control by *Pithecellobium multiflorum* extract 2721
- copper sulphate, mode of action 4862
- density-dependent growth & natality 1150
- Echinostoma liei* 117
- E. lindoense* 117, 1384, 3070–3071, 5218, 6244–6246
- E. paraensei* 117

- ecology 1775
- in Guadeloupe, growth curves 5646
- magnesium & miracidial behaviour 5315
- predation by Hirudinea 1764
- Ribeiroia marini* 4215
- Schistosoma mansoni* 824, 940, 1757, 1775, 2557, 2934, 3620, 4215, 4674, 4700, 4892, 5331, 6140
- in St. Lucia
 - control by molluscicides 940
 - distribution 6140
- in Surinam, ecology 1766
- TBTO & development 921
- triphenyl lead acetate 4816

B. orbigny n.sp.

- digenean larvae 2943
- Schistosoma mansoni* 2943

B. pfeifferi

- in Kenya, control by N-tritylmorpholine 2665
- Schistosoma mansoni* 1768, 1770, 1802, 1813, 3694

Biomphalaria pfeifferi contd.

- in South Africa, distribution & geology 5076

B. salinarum, Schistosoma mansoni 1145, 1195**B. straminea**

- control by *Pithecellobium multiflorum* extract 2721
- in Hong Kong, new record (g.) 2941
- Schistosoma mansoni* 1757, 5085

B. tenagophila, Schistosoma mansoni 211**Bipalium fuscatum**, in dog, in Japan 594**Birds**

- acanthocephalans 1824
- Angularella chelidonariae* 71
- anisakids 4889
- cestodes 71, 76, 4604
- Collyriclum faba* 1088
- digeneans 4575
- Digramma interrupta* 2753
- Echinoparyphium ralphaudyi* n.sp. 153
- Fernandezia indica* 71
- filariids 5518
- helminths 179, 619, 1003, 1095, 1098–1099, 1724, 1730, 1777, 2906, 3336, 3982, 4025, 5322, 6145
- ligulids 2015
- microfilariae 5620
- Monosaccanthus streperae* 71
- nematodes 196, 625, 4518, 4604
- Oxyspirura petrowi* 1728
- Plagiorchis elegans* 463
- P. laricola* 684
- P. noblei* 1565
- Posthodiplostomum cuticula* 3203
- Sobolevitaenia verulamii* 71
- trematodes 69, 132, 616, 2907, 3209, 3446, 5062
- Trichostrongyloidea 5186
- Vitta magniuncinata* 71

Birds, aquatic

- Avioserpens mosgovoyi* 1425
- cestodes 2328
- Gymnophalloides macroporus* 1405
- helminths 1421, 1725, 5052, 6184
- Hirudinea 643
- hymenolepidids 2361, 2902, 3834, 5082
- Hymenolepis guadeloupensis*, n.sp., [not described] 6184
- Polymorphus* 5082
- Tetrameres* 3834
- trematodes 1405, 2328
- Trichocephaloidis beauporti*, n.sp., [not described] 6184

Birds, domestic

- helminths 614
- parasites 5621

Birds, fish-eating

- Contracaecum spasskii* 1569
- helminths 4519, 5980
- nematodes 1731

- Birds, predatory**
helminths 2905
parasites 623
- Birds, zoo, helminths** 4513
- Birovilepis lidiae***, n.comb., for *Dilepis lidiae* 2434
- B. sinensis***, n.comb., for *Anomotaenia sinensis* 2434
- B. sobolevi***, n.comb., for *Dilepis sobolevi* 2434
- B. spasskayae***, n.g., n.comb., for *Dilepis spasskayae* 2434
- Bison bonasus***, helminths 2286, 5973
- Bithynia**
Asymphylodora japonica 1189
Opisthorchis felineus 2375
- B. inflata***, *Opisthorchis felineus* 347, 2636
- B. leachi***
Notocotylus chionis 3666
Opisthorchis 2016, 4556
O. felineus 3311
Psilochasmus oxyuris 3666
Psilotrema spiculigerum 3666
Sphaeriodotrema globulus 3666
- B. manchourica***
Clonorchis sinensis 2369
feeding behaviour 2369
- B. misella***, morphology 6129
- B. tentaculata***
Cercaria helvetica 1577
Diplostomulum petromyzi-fluviatilis 6468
Echinochasmus sp. I 1131
echinostomatid cercariae 1131
Petasiger 1131
- B. ussuriensis***, cyathocotylid cercariae 1189
- Bavagina***, taxonomy 682
- B. heterospina***, n.sp., in *Argyrops spinifer*, & *Argyrops filamentosus*, in Indian Ocean 682
- Black Sea**
Bucephalus marinum 4890
Gymnophalloides macroporus 1405
Gynaecotyle longiintestina 4541
nematodes, in Charadriiformes 1094
trematodes
in aquatic birds 1405
in Charadriiformes 618
in fish 2914
in molluscs 1405
- Blattella germanica***, *Mastophorus muris* 2895
Spirura malayensis n.sp. 5180
- Blennius sanguinolentus***, *Lecithaster blennii* n.sp. 1807
- Boa constrictor***, *Styphlodora* 4167
- Boiga trigonata***, *Porrochis hylae* 3532
- Bolbosoma nipponicum***, in *Balaenoptera acutorostrata davidsoni*, in North Pacific 2899
- Bolivia**, *Fasciola hepatica* 1427
- Boll weevil**, mermithid, n.g., [not named] 1124
- Bonasa umbellus***, microfilariae 5051
- Boophthora erythrocephala***, *Gastromermis boophthorae* 1567, 6132
- Borneo**
Anoplostrongylus (Tupaiostrongylus) liei 188, 699
Brugia malayi 1029
Hepatojarakus malayae 188, 699
Nycteridostongylus (Petiellus) petersi 699
N. (Petiellus) petersi n.subg., n.sp. 188
- Borneo, North** (see Sabah)
- Bos grunniens***
Capillaria bovis 1048, 1673
helminths 1673
Neoscaris 4375
Skrjabinagia lyrata 1048, 1673
- B. taurus***, *Balanorchis anastrophus* 31
- Bothridium***, in *Chondropython viridis*, in USA, zoo, pathology 791
- Bothriocephalids**
in fish, evolution, & geographical distribution 3838
& hymenolepidids, in crustaceans, interaction 3511
- Bothriocephalus***
in carp
in USSR (Ukraine)
male fern extract 1523
niclosamide 2124
in fish
in Hungary, control 88
in USSR (Ukraine), quicklime treatment of water in fish farms 1538
- B. acheilognathi***
in carp, in Germany, life-history 4340
synonym of *Bothriocephalus opsariichthydis* 2431
- B. fluviatilis***, synonym of *Bothriocephalus opsariichthydis* 2431
- B. gowkongensis***
in *Abramis brama*, in USSR (Ukraine) 1108
in carp
in Bulgaria, control & seasonal variation in fish farms 2917
host & parasite carbohydrate metabolism 3649
in Poland, new record (g.) 2925
in USSR (European), niclosamide 3266
in USSR (Kazakhstan), in fish farms 2913
in USSR (Moldavia), chemotherapy 634
in Yugoslavia, new record (g.) 4525
in *Ctenopharyngodon idella*, in USSR (Uzbekistan), niclosamide 1490

- Bothriocephalus gowkongensis* contd.**
 in *Cyprinus carpio*, in USSR (Ukraine) 1108
 in freshwater fish
 in USSR (Azerbaijan), in fish farms 1742
 in USSR (Belorussia), incidence & prophylaxis 2342
 in *Leuciscus idus*, in USSR (Ukraine) 1108
 in *Leuciscus rutilus*, in USSR (Ukraine) 1108
 osmotic regulation 2590
- B. opsariichthydis***
 in carp
 in Japan
 chemotherapy 2710
 incidence, & pathology 2558
 morphology, & synonymy 2431
- B. rarus***, in *Notophthalmus viridescens*, in USA (East South Central) 6099
- B. scorpii***
 in copepods, development & survival 1603
 in marine fish, in Britain, morphology, & ultrastructure 4053, 5148
 in turbot, development & survival 1603
- Botswana**
Schistosoma leiperi 1572
S. margrebowiei 1572
 sparganum 3637
- Botulidae**, synonym of Hirudinellidae 5671
- Brachycoelium elongatum***, in *Ambystoma opacum*, in USA (South Atlantic), local survey, & new record (h.) 2335
- B. obesum***, in *Ambystoma opacum*, in USA (South Atlantic), local survey, & new record (h.) 2335
- Brachylaemus fuscatus***, in *Limosa lapponica*, in USSR (European), new record (h.) 2969
- B. nicolli***, morphology 3982
- B. suis***, in wild pig, in USSR (Azerbaijan) 44
- B. tjanschanica***, in *Charadrius apricarius*, in Italy, new record (g. & h.) 2326
- Brachylaimoid cercariae**, in *Helix aspersa*, in France, chaetotaxy 143
- Brachylecithum andamanensis***, in *Halcyon chlores*, in India, morphology 5063
- B. eugenia***, in *Corvus frugilegus*, in USSR, new record (h.) 2403
- B. riparia***, n.sp., in *Riparia rupestris*, in USSR (Kirgizia) 3519
- B. taiwanense***, n.sp., in *Hipposideros armiger terasensis*, in Taiwan 1797
- Brachylophus fasciatus***, *Alaeuris brachylophi* 6097
- Brachyphallus crenatus***, in *Pungitius pungitius*, in Canada 3992
- Brachythemis***, *Orthetrotrema longicaeca* n.sp. 3528
- Brachythemis* contd.**
B. contaminata, *Prosthogonimus cuneatus* 2973
- Brachyuromys betsileoensis***
Heligmonina albignaci n.sp. 200
H. betsileoensis n.sp. 200
 helminths 200
Syphacia brachyuromys n.sp. 200
S. madagascariensis n.sp. 200
- B. ramirohitra***
 helminths 200
Syphacia madagascariensis n.sp. 200
S. ramirohitra n.sp. 200
- Bradybaena***, *Eurytrema pancreaticum* 6317
- B. lantzi***, *Eurytrema pancreaticum* 465
- B. semenovi***, *Postharmostomum gallinum* 5482
- Brahamputrotrema***, key to spp. 6171
- Branchellion callorhynchus***, n.sp., in *Callorhynchus callorhynchus*, in Pacific 4353
- B. lobata***
 in *Callorhynchus callorhynchus*, in Pacific, new record (h.) 4353
 in *Galeorhinus zyopterus*, in USA (Pacific), new record (h.) 3842
 in *Notorhynchus maculatus*, in USA (Pacific), new record (h.) 3842
 in sharks, in USA (Pacific), local survey 3842
 in *Triakis semifasciata*, in USA (Pacific), new record (h.) 3842
- Branchiopods**
 hymenolepidids 3834
Tetrameres 3834
- Branta bernicla nigricans***, cestodes 4516
- Brauninidae**, in animals, brief notes 3518
- Brazil**
Angiostrongylus 3406
Ascaris 269, 1441
Biomphalaria 1465
Cysticercus 1654, 4428, 5591
 gastro-intestinal helminths, in cattle 913
 gastro-intestinal nematodes
 in horse 429
 in man 5228
 hookworm 1441
Mansonella ozzardi 3375
Onchocerca volvulus 6342
 parasitology 5942
Schistosoma 3630
S. mansoni 10, 1017, 1274, 1501, 2670, 2691, 2728, 3711, 4085, 4311, 4731, 5660, 6015
Spirometra mansonoides 1986
Strongyloides stercoralis 762, 4727
Trichuris trichiura 557
Typhlocoelum cucumerinum 5481
- Brazil (Central West)**
Cysticercus cellulosae 5029
 helminths, in pigeon 4509
 parasites, in man 5940

Brazil (Central West) contd.*Pygarginema verrucosa* 1212*Rhopalias goyanna* n.sp. 5127**Brazil (North), helminths, in domestic animals 1782***Mansonella ozzardi* 25, 5816*Oswaldofilaria belemensis* n.sp. 176*O. petersi* n.sp. 176*O. spinosa* n.sp. 176**Brazil (North East)***Diocotophyme renale* 3436*Dipetalonema reconditum* 3434

helminths

in cat 5014

in goat 1042

in man 384

Schistosoma mansoni 385, 536, 771, 874, 1633, 2560, 5267**Brazil (South)***Balanorchis anastrophus* 31*Capillaria hepatica* 601

gastro-intestinal nematodes, in cattle 5361

helminths 6146

hydatid 2454

Schistosoma mansoni 211, 1632*Trichostrongylus* 561**Brazil (South East)***Aelurostrongylus abstrusus* 3432*Ascaris lumbricoides* 1024

helminths

in cattle 358, 2866

in fowl 67

in man 527

hookworm 1024

nematodes

in cattle 580

in sheep 234

Schistosoma mansoni 757, 5085, 5855, 6327*Trichuris trichiura* 1024, 3794**Bream***Digramma interrupta* 6397*Ligula* 2911*Paracoenogonimus ovatus* 1939**Breintia booliati**

in rat

host susceptibility, & localization 3969

microfilaraemia, & microfilarial

periodicity 4219

in *Rattus sabanus*, microfilarial periodicity 4219

in rodents, in Malaysia, survey 1081

Brevistriata nepalensis, n.sp., in *Dremomys lokriah*, in Nepal 185**Britain**

anisakids 2391

Ascaris, ova 2259*Bothriocephalus scorpii* 4053, 5148

cestodes, in dog 6071-6072

Clonorchis sinensis 1015**Britain contd.***Cryptocotyle lingua* 124*Dictyocaulus* 5517*D. viviparus* 754, 4134, 4697, 5503*Diplostomulum petromyzi-fluviatilis* 6468*Echinobothrium harfordi* n.sp. 4597*Echinococcus granulosus* 4245*Eustrongylides* 5634*Fasciola* 335*F. hepatica* 2029, 2205, 2220, 3297, 4143, 4257, 4935

gastro-intestinal nematodes

in cattle 2708

in domestic animals 3747

Gastromermis 6117*Gilquinia squali* 632*Haemonchus contortus* 2587, 2652, 3668

helminths

in cat 1706

in dog 1706, 5333, 5809, 5812

in freshwater fish 2640

in man 2846, 5810-5811

in *Merlangus merlangus* 4776in *Pleuronectes platessa* 6109in *Salmo salar* 4934

in sheep 4798

in *Triturus* 6098in *Vulpes vulpes* 6070

in zoo animals 3934

hydatid 2651, 3910, 4245, 4398, 5565

hymenolepidids 2902

Hymenolepis, n.sp., [not named or described] 2432*Ligula intestinalis* 161

liver-fluke 498

Mermis nigrescens 5269

microfilariae 4484

monogeneans, in *Alloteuthis subulata* 2940

nematodes

in sheep 4844

in *Tipula* 4534*Nematodirus* 5276, 6357*N. battus* 339, 1998*N. filicollis* 1998, 3669*Nicolla gallica* 2632*Ostertagia* 346, 4980, 5276, 5431, 6043*O. circumcincta* 2570, 3200, 3690*O. ostertagi* 6494*Pancreatoneuma torriensis* n.g., n.sp. 705*Pomphorhynchus laevis* 2346, 2632*Protofasciola robusta* 6084*Renicola roscovita* 124*Schistosoma mansoni* 3373*Strongylus vulgaris* 765, 3205*Syngamus trachea* 1729*Toxocara* 3890, 4246, 4430, 5333*T. canis* 5022*Trienophorus nodulosus* 2632*Trichinella* 5526*T. nativa* 4336

Britain contd.*Trichonema catinatum* 3206*T. goldi* 3206*T. longibursatum* 3206*T. nassatum* 3206

Trichonematidae 1496

trichostrongyles 1545

trichostrongylids 2638

Trichostrongylus 5276*Trichuris*, ova 2259*T. suis* 5588***Brugia malayi***in *Anopheles sinensis*, in Korea 5341& *Brugia pahangi*microfilariae, technique for
differentiating, histochemically
2747ultrastructure of body wall, compared
2449

in cat

hypersensitivity reaction 2522

X-irradiated larvae conferring immunity
4673

levamisole hydrochloride 4386

reinfection & site distribution 1848

in *Galago crassicaudatus panganiensis*,
diurnal periodicity 1660

in man

in Borneo, local survey 1029

chemotherapy, reviewed 5386

clinical aspects 2272

diethylcarbamazine 2701

haemoptysis 1626

in India

control, & epidemiology, reviewed
503diethylcarbamazine & blood
constituents 5433

in Indonesia

diethylcarbamazine 1514, 2713

mass therapy 4845

in Korea 2275, 5556

diethylcarbamazine 2694

epidemiology 2645

& local survey 4783

periodicity & vector 5341

levamisole hydrochloride 4386

in Malaysia 5997

in USA, exotic infection 1626

in *Mansonia uniformis*, in Indonesia
4010in *Meriones unguiculatus*

abnormal embryonic forms 5042

experimental infection & periodicity
1077

microfilariae

in man

in Korea

morphometrics 2446

periodicity 2633

morphology 5182

technique for detecting, in blood 4881

***Brugia malayi* contd.**

in monkey

X-irradiated larvae conferring immunity
4673technique for studying, lymphatic
efficiency 4732

in mosquito

in Korea 4783

incidence 2374

& *Streptococcus*, in cat, production of
elephantiasis 2959(subperiodic), in *Mastomys natalensis*,
susceptibility 4500

ultrastructure 2448

B. pahangiin *Aedes aegypti*

DDT & vectorial capacity 2642

in East Africa, susceptibility of

geographic strains 5649

effect on flight capability 3128

host fecundity 5264

host susceptibility & temperature 3499

levamisole 4852

& *Brugia malayi*

microfilariae, technique for

differentiating, histochemically
2747ultrastructure of body wall, compared
2449

in cat

chemotherapy, & pathology 252

development of lymphatic pathology
studied by autoradiography 2564

levamisole 4852

rate of lymph flow 781

technique for estimating, microfilariae
5470in *Galago crassicaudatus panganiensis*,
experimental 1660in gerbil, development of spermatozoa
468in hamster, pathology & susceptibility
4718

in vitro, levamisole 4852

larvae, micro-organisms 4564

in *Mastomys natalensis*, haemocytotropic
& haemagglutinating antibodies 5188in *Meriones unguiculatus*

experimental infection 735

lymphocyte markers 6252

oral transmission 4345

short-term infections 60

microfilariae, morphology 5182

scanning electron microscopy 5173

stibophen, mode of action 2723

B. patei, in *Anopheles labranchiae**atroparvus*, host reaction 2376***B. tupaiae***, microfilariae, morphology 5182*Bubalus bubalis*, hydatid 2869***Bubulcus ibis****Clinostomum piscidium* 1571*Pegosomum egretti* 1909

Bubulcus ibis *contd.**Pegosomum* *contd.**P. lucknowensis* n.sp. 2417**B. ibis coromandus**, *Uroproctepisthmium taiwanense* n.g., n.sp. 4575**Bucephalidae**

in India, systematics 5136

taxonomy, reviewed 5680

Bucephaloides, synonym of*Prosorhynchoides* 5136**Bucephalopsis kweiyangensis**, in*Megalobatrachus davidianus*, in China (South West) 2334**B. labiatus**, metacercariae, in *Leuresthes tenuis*, in USA (Pacific) 104**Bucephalus**in *Crassostrea gigas*, in Korea, incidence, & pathology 1758in *Musculista arcuata*, in India, local survey, & morphology 5084**B. marinum**

in fish, in Black Sea, life-cycle 4890

in *Lota lota*, in Black Sea, life-cycle 4890in *Mytilaster*, in Black Sea, life-cycle 4890**B. polymorphus**, in *Anodonta piscinalis*, histochemistry of host gonads 3623**Buffalo**

copper sulphate 343

hydatid 129

nematodes 5107

Neoascaris vitulorum 1052, 3411

nitroxylin eglumine 5419

Oesophagostomum synceri n.sp. 2203*Schistosoma nasalis* 4236, 4729, 5711*Stephanofilaria* 1041*Toxocara vitulorum* 971**Bufo americanus**, *Allasostomoides chelydrae* 2402**B. japonicus**, *Glypthelmins rugocaudata* 628**B. marinus***Creptotrema lynchi* n.sp. 6167*Cylindrotaenia americana* 6167*Glypthelmins robustus* n.sp. 6167*Gorgoderina diaster* 6167*G. rochalimai* 2756*Ophiotaenia bonariensis* 6167**B. regularis**, *Eupolystoma alluaudi* 2762, 4897**B. viridis**, *Polystoma viridis* n.sp. 136**Bulgaria***Acanthocephalus balkanicus* n.sp. 4601

anoplocephalids 4982

Ascaridia galli 4314*Bothriocephalus gowkongensis* 2917*Bunostomum trigonocephalum* 3800*Calicophoron* 5874*Catenotaenia matovi* n.sp. 4595

cestode larvae, in domestic animals 4029

Bulgaria *contd.*

cestodes

in *Alectoris graeca cypryates* 4327

in dog 3813

in sheep 3813

Cysticercus tenuicollis 5101*Echinococcus* 3807, 5425*E. granulosus* 4029*Enterobius* 3400*Fasciola* 4252, 5366, 5419

helminths

in animals 3507

in cattle 5109

in fish 3853

in fowl 5109

in man 3276

in pig 5109

in sheep 432, 5109, 5382, 5425

Heterakis gallinae 3799, 4314, 4861

hydatid 3807, 5103

Multiceps multiceps 4029

nematode larvae, on pasture 5796

Nematodirus 3299, 5459*N. spathiger* 5458*Ophiotaenia europaea* 2910*Paramphistomum cervi* 5874*P. microbothrium* 796

parasitology 6484

Polystoma viridis n.sp. 136*Railletina* 4314

strongyles 3800

Taenia hydatigena 4029, 5101*T. saginata* 3888-3889*Trichinella* 5174*T. spiralis* 6222

trichostrongyles 3720

Bulinus

control by ostracods 4836

ecology & irrigation schemes 1999

in Kenya, irrigation scheme 2017

in Lebanon, control by molluscicides 38

in Madagascar, *N*-tritylmorpholine 4259

Mollutox 4247

niclosamide 4814

sp., in Rhodesia, potential intermediary for *Schistosoma* 4012*Schistosoma* 1999, 2017*S. bovis* 1148*S. haematobium* 381, 448, 3194*S. leiperi* 1572*S. mansoni* 3194*S. margrebowiei* 1572

technique for culturing 121, 448, 454

B. beccarii, *Schistosoma haematobium* 5334**B. contortus***Schistosoma haematobium* 120

triphenyl lead acetate 4816

B. forskalii, *Echinoparyphium ralphaudyi* n.sp. 153**B. (Physopsis)**, in Kenya, distribution 162

- Bulinus contd.*
B. (Physopsis), in South Africa, distribution & geology 5076
B. (Physopsis) africanus, *Schistosoma haematobium* 5210
B. (Physopsis) globosus, *Schistosoma* 5092
B. pulchellus, amphistome cercariae 5675
B. sericus, *Echinoparyphium ralphaudyi* n.sp. 153
B. truncatus
 castration 5639
 Dursban 3792
Echinoparyphium ralphaudyi n.sp. 153
 ecology 4784
 molluscicides 3762
 molluscicides & susceptibility to infection 3780
Schistosoma bovis 1197, 4018
S. haematobium 1309, 4784, 4812, 5334
 triphenyltin hydroxide 3285, 3791
B. truncatus rohlfsi
Schistosoma 5092
 technique for maintaining, in laboratory 6452
B. wrighti, *Schistosoma haematobium* 5334
Bunodera luciopercae
 in *Lucioperca*, in USSR (European), age & seasonal variation 2912
 ova
 development & temperature 2912
 survival & temperature 2912
 in *Perca*, in USSR (European), age & seasonal variation 2912
Bunostomum, in cattle, pathology 1889
B. phlebotomum, in cattle, in South Africa, rafoxanide 5444
B. trigonocephalum
 morphology of digestive system 3333
 in sheep
 in Bulgaria, pyrantel tartrate 3800
 serodiagnosis 4687-4688
Burhinus oedincnemus, *Sphaerostris wertheimae* n.sp. 1824
Bursaphelenchus bestiolus, n.sp., in *Dendroctonus adjunctus*, in USA 2189
B. newmexicanus, n.sp., in *Hylurgops*, in USA 2189
B. pityogeni, n.sp., in *Pityogenes carinulatus*, in USA 2189
B. scolyti, n.sp., in *Scolytus multistriatus*, in USA 2189
B. tritrunculus, n.sp., in *Dendroctonus terebrans*, in USA 2189
Busycon canaliculata, anisakids 6131
Buteo buteo
Icosiella neglecta 2388
Physaloptera alata 2388
Butorides virescens virescens, *Posthodiplostomum minimum centrarchi* 4893
Bythinella (Moria) nipponica, *Paragonimus miyazakii* 5644
Caballero y Caballero, D.E., obituary 4354
Cadenatella floridae, n.sp., in *Kyphosus sectatrix*, in USA (South Atlantic) 5676
Caecincolinae, diagnosis emended 2421
Caenorhabditis, technique for preparing, for scanning electron microscopy 4876
C. briggsae
 ageing & Gerovital H₃ 4753-4754
 ageing & surface negative charge 4207
 effect of procaine on growth & reproduction 4177
 freeze-thawing survival 3170
 growth factor 4205-4206
 growth & protein-haemin co-precipitates 4768
 haem source & growth 3177
 methionine synthesis 6305
 nutrition 3173
 synthesis of biogenic amines 5776
 technique for culturing 451
C. elegans
 ageing 1970
 attraction to pyridine 4182
 avoidance of D-tryptophan 5794
 cholinesterase in sensory organs 5781
 chromosome rearrangements 6472
 dauer larvae & ageing 4755
 dauerlarva formation 3162
 dopaminergic neurons 1967
 genetics & mutagenesis 469
 genotype & fecundity 4901
 growth & gonadogenesis of temperature-sensitive mutants 4905
 morphology & development of reproductive system 4902
 non-chemotactic mutants 2155
 oxidative phosphorylation 4759
 technique for culturing, in age synchrony 1970
 technique for preparing, for scanning electron microscopy 2140
 temperature-sensitive mutant 3162, 4903
 ultrastructure of anterior nervous system 206
 ultrastructure & function of nerve ring 207
 ultrastructure of ovary 4900
Cainocreadium labracis, cercariae, chaetotaxy 144
Calceostoma calceostoma, development, & systematics 3515
Calceostomatidae, systematics 3515
Calceostomella inerme, development, & systematics 3515
Calicophoron
 in cattle, in Bulgaria, bithionol plus 2,4-dichlorophenol 5874
 diagnosis & key to spp. 5138
 in sheep, in Bulgaria, bithionol plus 2,4-dichlorophenol 5874

Calicophoron contd.*C. calicophorum*

- development of miracidia 304
- in molluscs, in USSR, survey 5087
- redescribed 5138
- in sheep, in India, outbreak 3923

C. erschowi

- in *Planorbis planorbis*, in USSR (Uzbekistan) 2149
- redescribed 5138

C. ijimai

- in cattle, in Japan, local survey 5575
- redescribed 5138

C. raja, redescribed 5138*Calicotyle kroyeri*, histochemistry & ultrastructure of caecal epithelium 5118
ultrastructure of Mehlis' gland 1181*C. rosinae*, n.sp., in *Raja brachyurops*, in Atlantic 5662*C. sjeqi*, n.sp., in *Raja brachyurops*, in Atlantic 5662*Callianassa gigas gigas*, *Eutetrarhynchus schmidti* n.sp. 164*Callinectes sapidus*, *Myzobdella lugubris* 983*Calliobdella carolinensis*, synonym of *Calliobdella vivida* 4907*C. vivida*

- n.comb., for *Cystobranthus vividus* 4907
- synonymy 4907

Callipepla squamata, *Oxyspirura* (*Oxyspirura*) *petrowi* 1728*Calliptamus italicus*, *Mermis* 110*Callorhinus ursinus*, helminths 3978*Callorhynchicola multitesticulatus*, in *Callorhynchus*, in South Atlantic, development, & morphology 963*Callorhynchus*, *Callorhynchicola multitesticulatus* 963*C. callorhynchus*

- Branchellion callorhynchus* n.sp. 4353
- B. lobata* 4353

Calostaurus, diagnosis emended 162*C. mundayi*, n.sp., in *Potorous apicalis*, in Australia 162*C. thylogale*, n.sp., in *Thylogale billardieri*, in Australia 162*Calotes versicolor*, *Postorchigenes srivastavai* n.sp. 2976*Camallanides prashadi*, in *Cerberus rhyncopus*, in Pakistan, new records (g. & h.) 5065*Camallanoidea*, key to genera 4060*Camallanus carangis*

- in *Chorinemus lysan*, in Indian Ocean, & Red Sea, new record (g. & h.) 5179
- in *Selar crumenophthalmus*, in Indian Ocean, & Red Sea, new record (g. & h.) 5179

Camallanus carangis contd.

- in *Seriola nigrofasciata*, in Indian Ocean, & Red Sea, new record (g. & h.) 5179

C. lacustris

- in *Acanthocyclops viridis*, experimental 1568
- in *Canthocamptus staphylinus*, in USSR (Ukraine) 1568
- in *Leuciscus rutilus*, experimental 1568
- in *Macrocyclus albidus*, experimental 1568

C. oxycephalus

- in *Aplodinotus grunniens*, in North America, transmission to predacious fish 5473
- in freshwater fish, in North America, epizootiology, & local survey 2021
- in *Morone chrysops*, in USA (East North Central), seasonal variation 1424

C. zacconis, in *Mesocyclops leuckarti*, life-cycle, & morphology 5695*Cambaroides*, *Paragonimus westermani* 119*C. similis*, *Paragonimus westermani* 6126
Cambarus, *Angiostrongylus cantonensis* 4546

Camel

- Dicrocoelium dendriticum* 5570
- Fasciola* 5570
- hydatid 1255
- Parabronema skrjabini* 38
- pyrantel tartrate 2656

Camelostrongylus mentulatus, in sheep, in Iran, new record (g.) 6036*Camelus bactrianus*, helminths 4453*C. dromedarius*, helminths 1717

Cameroon

- Acanthoxyurus vincenti* n.sp. 1839
- digeneans, in *Anura* 5669
- Haematoloechus ocellati* n.sp. 5669
- helminths, in man 4960
- Onchocerca volvulus* 26, 663, 3186, 3891, 5746, 5843, 6214
- Schistosoma* 5754
- S. haematobium* 5353
- S. intercalatum* 2571, 5353

Cameloma, Nanophyetidae 5332*Campula palliata*, in *Steno bredanensis*, in USA (South Atlantic), new record (h.) 2320

Canada

- Alaria americana* 6000
- Anonchophaptor anomalum* 135
- Brachyphallus crenatus* 3992
- Capillaria resecta* 1084
- cestodes
 - in *Anser albifrons* 4516
 - in *Anser caerulescens caerulescens* 4516
 - in *Branta bernicla nigricans* 4516
- Corrigia obscura* n.sp. 5123
- Crenosoma petrowi* 5016

Canada contd.

- Dactylogyrus apos* 679
D. attenuatus 680
D. bychowskyi 679
D. cernyi n.sp. 679
D. chrosomi n.sp. 679
D. dubius 679
D. eos n.sp. 679
D. hankinsoni n.sp. 679
D. heterolepis n.sp. 679
D. lachneri 679
D. luxili 679
D. microphallus 679
D. micropogoni n.sp. 679
D. reciprocus 680
D. rubellus 680
Deladenus canii n.sp. 178
Dictyocaulus viviparus 843
Diocotophyme renale 5925
Diphyllobothrium ursi 3374
Diplotriaeana darnaudii n.sp. 6207
Dracunculus insignis 49
Elaphostrongylus 4993
Gyrodactylus stephanus 3992
Haemonchus 4995
Halocercus monoceris 63
 helminths
 in *Alces alces* 4466
 in *Anas crecca* 1733
 in *Anas discors* 1733
 in *Aythya affinis* 3187
 in *Corvus brachyrhynchos* 1084
 in dog 3963
 in *Fundulus diaphanus* 5636
 in *Fundulus heteroclitus* 1738
 in *Hippoglossoides platessoides* 1122, 1748
 in man 1651, 3394, 4443
 in *Ovibos moschatus* 585
 in *Salmo salar* 3994
 in salmon 5069
Icelanonchohaptor icelanonchohaptor n.sp. 135
 lungworms 1206
 mermithids 2364
Nematodirus helvetianus 585
Neoechinorhynchus rutili 1738, 3992
Neomesomermis flumenalis 3478
Otodistomum veliporum 1122
Paragonimus kellicotti 4726
 parasites
 in domestic animals 4558
 in man 3404
Parelaphostrongylus tenuis 3415
Philometroides huronensis n.sp. 4074
Physaloptera maxillaris 4888
Piscicola punctata 3994
Pneumostomum tenuis 5568
Prosorhynchus squamatus 1122
Proteocephalus 3992
Rhabdochona kisutchi n.sp. 706

Canada contd.

- Romanomermis hermaphrodita* n.sp. 6203
R. kiktoreak n.sp. 6203
Sobolevingylus 5016
Stenakron vetustum 1122
Stenurus arctomarinus 1206
 strongylids 3286
Strongyloides stercoralis 3874, 4937
Strongylus vulgaris 2283
Tetraonchus alaskensis 687
Thelazia 5100
T. lacrymalis 5100
Thersitina gasterostei 3992
Toxocara canis 4558
Trichinella spiralis 4779, 6058
Trilobostomylus bioccai 5016
Urocleidus angularis 1738, 3992

Cancer

- & *Clonorchis sinensis*, in man, in Hong Kong 5757
 & *Cysticercus fasciolaris*, in rat 4032
 & *Fasciola hepatica*, in cattle 1352
 & *Opisthorchis*, in man, in USSR (Siberia), pathology of pancreas 1325
 & *Schistosoma*, in man, in Sudan, retrospective analysis 4152
 & *Schistosoma haematobium*
 in man
 in Egypt, smoking 1019
 in Kenya 4031
 & *Schistosoma haematobium*, in rat 3619
 & *Trichinella spiralis*
 in mouse 1251
 in rat 3619

Canis aureus

- Echinococcus multilocularis* 1071
 helminths 1071

C. latrans

- Ancylostoma* 599
Dirofilaria immitis 51
Echinococcus granulosus 1068
Paragonimus kellicotti 4726
C. lupus, *Trichinella* 324
Canthocamptus staphylinus, *Camallanus lacustris* 1568

Cape Verde Islands, *Necator americanus* 277

Capella gallinago

- Diplostomum pusillum* 2969
Pseudapatemon tiaratus occidentalis n.subsp. 2969

C. gallinago gallinago, *Austrobilharzia pulmonale* n.sp. 3525C. hardwickii, *Cyclocoelum mutabile* 179

Capillaria

- in fowl
 chemotherapy 2048
 in USSR (Ukraine)
 chemotherapy 2698

Capillaria contd.in fowl *contd.*in USSR (Ukraine) *contd.*incidence & control in intensive farms
5857

in man, general account 4449

n.sp., [not named or described], in

Herpestes auropunctatus, in West
Indies 6065in *Suncus murinus*, in Indonesia,

incidence 5609

C. aerophila

in cat

levamisole hydrochloride 1502

in USA

chemotherapy, discussed 3241

levamisole 3242

C. bovisin *Bos grunniens*

in USSR, new records (h.) 1673

in USSR (Tadzhikistan), new record

(h.) 1048

in *Capricornis crispus*, in Japan 5007

in sheep, life-history 6459

C. caranagi, n.sp., in fish, in Indian Ocean,

& Red Sea 5179

C. catenata, in *Cyprinus carpio*, in USA

(Pacific), new record (h.) 2344

C. contorta, in *Cyanocitta cristata*, in USA

(North Atlantic), fatal case 3444

C. erinacei, in pig, in New Zealand, new

record (h.) 4473

C. exilisin *Chaimarrornis leucocephalus*, in Nepal,

new record (g. & h.) 6087

in *Prunella collaris nipalensis*, in Nepal,

new record (g. & h.) 6087

C. hepaticain *Castor fiber*, in Hungary, zoo, case
report 3972

in cat, in Brazil (South) 601

in dog, in Brazil (South) 601

in *Marmota monax*, in USA (North
Atlantic) 58in *Mastomys natalensis*development, oviposition, & pathology
5045

laboratory model for testing

anthelmintics 5862

life-cycle, & pathology 2555

serum enzyme levels 1937

in mouse, immunoglobulins 1870

in *Rattus*, in Indonesia, survey 609

somatic centrioles & eutely 5930

C. obsignata, in fowl, in Chile, new record

(g.) 617

C. oschmarini, n.sp., in *Sorex caecutiens*, in

USSR (Far East) 3540

C. ovopunctatain *Chaimarrornis leucocephalus*, in Nepal,

new record (g. & h.) 6087

Capillaria ovopunctata contd.in *Prunella collaris nipalensis*, in Nepal,
new record (g. & h.) 6087**C. papuensis**, n.sp., in pig, in Pagini 2438**C. perforans**in *Numida meleagris*, in Japan,

morphology & status, discussed 1213

ova, development & culture 5297

C. philippinensis, in man, mebendazole
4312**C. podicipitis**, in *Podiceps*, in USSR
(Tadzhikistan), morphology of male
4605**C. procyonis**, n.sp., in *Procyon lotor*, in
USA (West South Central) 2442**C. putorii**, in insectivores, new record (h.)
3540**C. resecta**, in *Corvus brachyrhynchos*, in
Canada, new record (g. & h.) 1084**C. rickardi**, n.sp., in *Antechinus stuartii*, in
Australia 4075**C. rigidula**, to *Thominx rigidula*, n.comb.
6087**C. ryjikovi**, n.sp., in *Podiceps griseigena*, in
USSR (Far East) 4605**C. sphyraeni**, n.sp., in *Sphyaena tessara*, in
Gulf of Aden 5179**C. tasmanica**, in *Macruronus
novaezelandiae*, in New Zealand, new
record (g.) 94**C. tenua**, in *Notophthalmus viridescens*, in
USA (East South Central) 6099**C. tridens**, in *Meleagris gallopavo*, in USA,
new record (h.) 4511**C. vanelli**, in *Vanellus vanellus*, in Italy
2327**Capillariids**, in Passeriformes, in Nepal
6087**Capingentoides moghei**, n.sp., in *Channa
striatus*, in India 1203**Capitomermis breviovariae**, n.sp., in
chironomids, in USSR 487**C. brevis**, n.sp., in chironomids, in USSR
487**C. delicata**, n.sp., in chironomids, in USSR
487**C. variaderma**, n.sp., in chironomids, in
USSR 487**Capoetobrama kuschakewitschi**,
Dactylogyrus intestinalis 4912**Capra caucasica cylindricornis**
Dictyocaulus 6032*Taenia hydatigena* 6032**C. ibex**, *Nematodirus davtiani alpinus*
n.subsp. 1830**Capreocaulus capreoli**in *Alces alces*

pathology of lung 2543

in USSR, pathology 1917

Capreolus capreolus

gastro-intestinal nematodes 1682

helminths 777, 2294, 3929

Capreolus capreolus *contd.*

- strongylids 4454
Wehrdikmansia rugosicauda 2876

C. capreolus capreolus

- Elaphostrongylus cervi* 4609
Moniezia expansa 6031
Oesophagostomum venulosum 6031
Trichostrongylus capricola 6031

Capricornis crispus

- Capillaria bovis* 5007
Protostrongylus 708
P. shiozawai 5280
P. shiozawai n.sp. 1215

Carangoides ovovivipara, n.g., n.sp., in *Caranx hippos*, in India 3517**Caranx hippos**, *Carangoides ovovivipara* n.g., n.sp. 3517**C. sexfasciatus**

- Contracaecum chorinemi* 5179
Metabronema magna 5179

Carassius, *Mesostephanus appendiculatus* ? 4339**C. auratus**, *Digramma interrupta*, & *Myxobolus carassii* 675**C. carassius**

- Dactylogyrus anchoratus* 4569
D. extensus 4569
D. formosus 4569
D. inexpectatus 4569
D. vastator 4569
Opisthorchis felinus 4000

Carcharhinus amblyrhynchos

- Dasyrhynchus giganteus* 5141
Pseudogrillotia basipunctata n.sp. 5141

C. galapagensis, *Tentacularia coryphaena* 5141**C. leucas**

- Dasyrhynchus variouuncinatum* 4523
Pilliersium owenium 4523
Uncibilocularis trygonis 4523

C. limbatus, *Dasyrhynchus giganteus* 5141**Carcinus mediterraneus**, *Gynaecotyle longiintestina* 4541**Cardiophilaria pavlovskiyi**, in *Turdus unicolor*, in India, new record (h.) 72**Cardium edule**

- Asymphyllodora kubanicum* 4016
Gymnophallus discursata 4016
Mesorchis pseudoechinatus 4016

Carmyerius synethes, in cattle, in Philippines, new record (g.) 6035**Carneophallus brevicacca**

- in fowl, experimental 2763
 in *Glossogobius giurus*, in Philippines, life-history 2763
 in *Macrobrachium*, in Philippines, life-history 2763
 n.comb., for *Microphallus brevicacca* 2763
 in rat, experimental 2763

Carnivores

- Echinococcus granulosus* 321, 4483

Carnivores *contd.**Echinococcus* *contd.*

- E. multilocularis* 410, 4224
 helminths 48, 2885, 2887, 2956, 4244, 4479–4480, 5606
 mebendazole 4263
Paragonimus kellicotti 4726
Taenia pisiformis 3430
Trichinella 5597, 5599
T. spiralis 506, 2892

Carnivores, wild, *Trichinella* 50**Carp**

- anthelmintics 5885
 bithionol 2710
Bothriocephalus acheilognathi 4340
B. gowkongensis 2913, 2917, 2925, 3649, 4525
B. opsariichthydis 2431, 2558
 caryophyllaeids 2352
Dactylogyrus anchoratus 2913
D. extensus 2913, 5633, 6276
D. lamellatus 2913
 dibutyl tin oxide 2710
Diplostomum spathaceum 1123
 helminths 1116, 1433, 2347, 3469
 Hirudinea 1116
 kamala 634, 2710
Khawia 1164
K. sinensis 2925
 malachite green 3291
 male fern extract 1523
 naphthalophos 6417
 niclosamide 2124, 3266
 parasites 3464, 6354
 parbendazole 2710
 paromomycin sulphate 2710
 phenothiazine 634, 3288
Sanguinicola 2923
 toxicity, of naphthalophos 6417
Triaenophorus nodulosus 5713
 trichlorphon 2683

Carpiodes cyprinus

- Janiszewskella fortobothria* n.g., n.sp. 4596

Rowardleus pennensis n.g., n.sp. 4596**Carpophilus fumatus**, *Howardula madecassa* n.sp. 5694**C. notatus**, *Howardula madecassa* n.sp. 5694**C. truncatus**, *Howardula truncati* n.sp. 5694**Caryophyllaeids**

- in carp, in USSR (Siberia), in fish farms 2352
 in *Coregonus peled*, in USSR (Siberia), in fish farms 2352
 in oligochaetes, in USSR (Ukraine), incidence 4009

Caryophyllaeus, sp., Janiszewski, 1938, synonym of *Caryophyllaeus laticeps* 1121

Caryophyllaeus *contd.***C. laticeps**in *Abramis brama*, population dynamics

5792

synonymy 1121

vitellogenesis 2775

Caryophyllids, in fish, zoogeography 6322**Caspian Sea***Asymphyllodora kubanicum* 4016*Cucullaneilus minutus* 3482*Gymnophallus discursata* 4016*G. discursata* n.sp. 4048

helminths

in invertebrates 4016

in *Pusa caspica* 5616*Mesorchis pseudoechinatus* 4016

nematodes, in acipenserids 2926

trematodes

in *Abramis brama* 84

in acipenserids 2926

in *Barbus barbus* 84in *Rutilus rutilus caspicus* 84**Caapiolosa kessleri**, helminths 93**Castor canadensis**, *Dirofilaria immitis* 1080**C. fiber***Capillaria hepatica* 3972*Dicrocoelium dendriticum* 2386*Opisthorchis felinus* 2386**Castrabdelta nymboidea**, n.g., n.sp. 471**Cat***Aelurostrongylus abstrusus* 54, 3432, 5015*Amphimerus pseudofelineus* 604*Ancylostoma braziliense* 3973, 5028*A. caninum* 1982*A. tubaeforme* 825, 3973, 5028

antibiotic G-418 407

Ascaris, body fluid 3614*Brugia malayi* 1848, 2522, 4673& *Streptococcus* 2959*B. pahangi* 252, 781, 2564, 5470*Capillaria hepatica* 601

dichlorvos 1476

diethylcarbamazine citrate 5821

Dirofilaria immitis 1700, 2311, 4087,

4478, 5030, 5602, 5745, 6061

disophenol 1476

Diuredosan 4854

Echinocephalus sinensis 1318*Echinococcus multilocularis* 410

heartworm 2891, 6063

helminths 99, 1443, 1698, 1706, 2309,

2890, 3953, 4786, 5014, 5024, 5596,

5600, 5966

levamisole 3242, 4852

levamisole camphorsulphonate 6408

levamisole hydrochloride 1502, 1521,

4386, 5015

Mesostephanus appendiculatus ? 4339

methyridine 3241

nematodes 2641

niclosamide 3435

Cat *contd.**Ollulanus tricuspis* 1780*Opisthorchis* 397, 4556*O. felinus* 1, 602*Paragonimus* 4734*P. kellicotti* 1070, 3435*P. miyazakii* 1980*P. ohirai* 1980*P. peruvianus* 1984*P. westermani* 1980, 6464*Physaloptera praeputialis* 53

piperazine 1476, 5446

Platynosomum fastosum 5026

Sansalid 6382

Skrjabingylus 2303*Spirometra erinacei* 5593*Taenia taeniaeformis* 5020

Taeniinae 1072

tetramisole 2724-2725

toluene 1476

toxicity

of anthelmintics 252

of diethylcarbamazine citrate 5821

of piperazine 5446

of tetramisole 2724-2725

Toxocara 2641, 4246*Trichuris* 3956*T. campanula* 1837**Catenotaenia**, in *Sciurus carolinensis**carolinensis*, in USA (East South

Central) 5038

C. asiatica, n.sp., in *Cricetulus barabensis*, in

Mongolia 6186

C. matovi, n.sp., in *Apodemus flavicollis*, &*Apodemus sylvaticus*, in Bulgaria 4595**C. pusilla**

in mouse, general account 5039

ultrastructure of nephridial system 5154

Catla catla, *Diplozoon dayali* n.sp. 1179**Catostomus ardens**, *Glaridacris vogei* n.sp.

5149

C. catostomus*Anonchohaptor anomalum* 135*Glaridacris vogei* n.sp. 5149*Icelanonchohaptor icelanonchohaptor*

n.sp. 135

C. commersonii*Acanthocephalus parksidae* n.sp. 1822*Anonchohaptor anomalum* 135*Philometroides huronensis* n.sp. 4074**C. macrocheilus**, *Glaridacris vogei* n.sp.

5149

Cattle*Agriostomum vryburgi* 2789, 6038

aluminium iodide 1525

amphistomes 2746

Anoplocephala 37

anthelmintics 878, 905, 1936, 2708,

3297, 3702, 3757, 4796, 4827, 5378,

6364

Ascaris suum 1053, 5971

azidine 5850

Cattle contd.

- Berenil 5850
 bithionol 1903, 3781
 bithionol plus 2,4-dichlorophenol 5874
 bithionol sulphoxide 404, 2095, 2103, 4806, 5457, 5872
 bithionol sulphoxide plus morantel tartrate 2790
 bithionol sulphoxide plus thiabendazole 2790
 Bitifen 1493, 2094
 boric acid 4469
 bromophenophos 1504
 bromosalicylanilides 4373
 brotianiide 1480
Bunostomum 1889
Calicophoron ijimai 5575
 cambendazole 3775
 carbon tetrachloride 1525, 3781, 4306, 5957
 carbon tetrachloride plus hexachloroethane 2095
Caromyerius synethes 6035
 cestode larvae 4999
 compound E 4810
Cooperia oncophora 6311
C. pectinata 1408
C. punctata 1408
Cotylophoron cotylophorum 954
 coumaphos 3339, 6437
 crufomate 4255
Cysticercus 667–668, 1038, 1783, 2008, 2203, 3098, 5199, 5963
C. bovis 33, 1199, 1258, 1276, 1310, 1524, 1886–1887, 1910, 1991, 2097, 2525, 2531–2532, 3069, 3563, 3584, 3595, 3636, 3660, 3688, 3939–3941, 4028, 4154, 4237, 4373, 4455, 5335, 5472, 5521, 5577, 5858, 5968, 6210, 6325, 6454, 6466
 4,4'-diaminodiphenylsulphide 3716
 diamphenethide 3715
 dichlorophen 358
Dicrocoelium 1391, 1924, 3248
D. dendriticum 111, 577, 1163, 5787
Dictyocaulus 1440, 1920, 2089, 2284, 6341
 & bacteria 1174
D. filaria 242
D. viviparus 242, 754, 843, 1005, 1295, 1679, 1957, 3198, 3419, 4134, 4208, 4998, 5329, 5576, 5814, 5965, 5971
 & fog fever 4697, 5503
 diethylcarbamazine 5971
 diethylcarbamazine citrate 1525
 diethylcarbamazine plus morantel tartrate 2115
 diphenyl sulphides 3781
Elaphostrongylus rangiferæ 752
Eurytrema pancreaticum 755, 6124

Cattle contd.

- Fasciola* 39, 267, 335, 582, 838, 1440, 1487, 1663, 1994, 2035, 2471, 2746, 3157, 3248, 3412, 4133, 4151, 4373, 4716–4717, 4724, 4981, 5569, 5875, 6034, 6449
F. gigantica 112, 756, 1039, 1293, 1604, 1890, 1907, 2547, 2867, 3410, 4147
F. hepatica 219, 271, 577, 756, 934, 954, 1849, 1865, 1907, 1928, 2029, 2205, 2296, 2546, 3210, 3410, 3821, 3922, 3927, 4143, 4373, 4459, 4465, 4922, 4935, 5957, 5965, 5970, 6262, 6285, 6498
 & bacteria 133
 & cancer 1352
 & *Salmonella dublin* 677, 2803, 3509
Fascioloides magna 4986, 6332
 fenbendazole 363, 2666, 5448
 gastro-intestinal helminths 6284
 gastro-intestinal nematodes 485, 1664, 1678, 1936, 2051, 4456, 5361, 5519, 5586, 5761, 5766, 5814, 4992
Gastrothylax 854
G. crumenifer 3268
Goddardobdella elegans 5935
 helminths 42, 305, 844, 1050, 1058, 1158, 1161, 1670, 1788, 2195, 2285, 2293, 2297–2298, 2572, 2785, 2789, 2866, 2875, 3408, 3930–3931, 3936, 4269, 5109, 5342, 5369, 5571, 5573, 5584–5585, 5659, 5884, 5896, 5956, 6377, 6403
 hexachloroethane 3781
 hexachloroparaxylene 1525, 3248
 hexachloroparaxylol 6385
 hexachlorophene 912, 1504
 hydatid 1285, 1418, 1674, 1679, 2295, 2454, 2840, 2953, 3248, 4235, 4557, 5103
 iodine 2089
 Iodinol 869
 levamisole 358, 389, 890, 2069, 2681, 3295, 3734, 4809, 6368, 6395
 levamisole hydrochloride 912, 3789
 levamisole phosphate 3789
Liorchis scotiae 3268
 liver-fluke 498
 lungworms 3254, 5963
 mebendazole 6368
 methyl 5 (6)-phenylsulphinyl-2-benzimidazolecarbamate 2031
 methyridine 934, 2044
Moniezia 586, 2007
M. expansa 4991
M. plannissima 934
 morantel tartrate 2115, 3295, 6368
 naphthalophos 6437
 nematodes 333, 580, 934, 2202, 2867, 3870, 5888, 5965, 6048
Nematodirus 1040, 3870, 4461

Cattle contd.*Nematodirus* contd.

N. helvetianus 4936
Neoascaris vitulorum 3411
 niclofolan 1504, 1520, 2037, 2727, 3810,
 4806, 5957

Nilzan 4373

nitroxylin 912, 5387

nitroxylin eglumine 1480, 1520

Oesophagostomum columbianum 1373

O. dentatum 1373

O. radiatum 1373, 1897, 4988, 5192

Onchocerca 35, 579

O. armillata 1979, 3635

O. gutturosa 792, 1046

O. lienalis 792

Orientobilharzia turkestanicum 1415

Ostertagia 4980, 5265, 6043

O. ostertagi 587, 867, 2527, 2647, 4349,
 4644, 4990, 4998, 6311, 6339, 6494

oxibendazole 2066

oxyclozanide 912, 4373, 5957, 6416

oxyclozanide plus tetramisole 5835

Parabronema skrjabini 38

Parafilaria bovicola 329, 6499

paramphistomatids 3817

paramphistomes 39, 112, 445, 1903,
 6048

Paramphistomum 1928, 3414

P. cervi 1039

parbendazole 3747, 6368

phenothiazine 373, 934

2-phenyloxasol 6368

pyrantel tartrate 2115

rafoxanide 912, 3775, 5444

resorantel 369, 1527, 1547, 4373

Schistosoma japonicum 228, 2565

S. nasalis 4236, 5255, 5711

Setaria digitata 5283

Stephanofilaria 1041

stibophen 1041

strongyles 1040, 4461

strongylids 2643, 3254, 4454, 4990, 5818

Strongyloides papillosus 1666

Taenia saginata 2480, 2515, 2526, 5714
 (Sudanese strain) 4468

technique for infecting, with *Schistosoma*
matthei 953

technique for treating, *Thelazia*, by
 cauterization 1517

3,3',5,5'-tetrabromosalicylide 1504

tetramisole 389, 415, 934, 2069, 2666,
 2732, 3295, 6368, 6395

tetramisole hydrochloride 368, 1471,
 3247, 4374

Thelazia 34, 1667, 5100

T. gulosa 1517, 4463

T. rhodesii 3417, 4469

T. skrjabini 1517, 4463

thiabendazole 346, 934, 1466, 2666,
 2705, 3713, 4456, 4828, 5850

Cattle contd.

toxicity

of *Anguina*-infested *Lolium rigidum*
 5266

of carbon tetrachloride 4306

of carbon tetrachloride plus
 hexachloroethane 2095

of levamisole 389, 3744, 3789

of methyridine 934, 2044

of tetramisole 389

of trichlorphon 4811, 4872

tribromsalan 2106

trichlorphon 913, 918, 1041, 4811,
 4871-4872, 5850

trichostrongylids 846, 1993, 2010, 2650,
 3198

Trichostrongylus lerouxi n.sp. 2437

T. longispicularis 715

visceral larva migrans 4680

Cedbdella singularis, n.g., n.sp. 471

Central Africa

Aprocta cylindrica 2203

helminths

in animals 2203

in man 2203

Pallisentis tetraodontae n.sp. 2203

Central African Republic

Allintoschius dunni n.sp. 702

Oesophagostomum synceri n.sp. 2203

Polystoma batchvarovi n.sp. 137

P. gabonensis 137

P. llewellyni n.sp. 137

P. prudhoei 137

Zenkozxyuris mabokensis n.g., n.sp. 1839

Central America, *Cysticercus* 668

Centrocestus, cercariae, in *Melanoides*

tuberculata, in Malaysia 4544

C. formosanus, cercariae, in *Melanoides*

tuberculata, in Malaysia 4544

Centropomus undecimalis*, *Dichelyne

spinicaudatus n.sp. 198

Centropus*, *Porrorchis indicus* 3532**C. sinensis***

Ascaridia cumbumensis n.sp. 204

A. lucknowensis n.sp. 4608

Centrorhynchus olssoni

in *Aquila clanga*, in USSR

(Azerbaijdzhan), new record (g.) 1091

in *Gyps fulvus*, in USSR (Azerbaijdzhan),
 new record (g.) 1091

Cephaloleia abietis, *Steinernema kraussei*
 4550

Cephalobellus scarabaeidi, in beetles, in
 USSR (European) 4006

Cephaloboides, n.rank, for *Rhabditis*
 (*Cephaloboides*), Rahm, 1928 2179

C. rotundus, n.sp., in *Dendroctonus*
adjunctus, in USA 2183

Cephalogonimus brevicirrus

in *Helisoma trivolvis*, experimental 4040

- Cephalogonimus brevicirrus* *contd.*
 in *Rana blairi*, in USA (West North Central), life-history, & new record (h.) 4040
 in *Rana pipiens*, in USA (West North Central), life-history, & new record (h.) 4040
- Cephalopholis miniatu*s, *Phyllodistomum mamaevi* n.sp. 4583
- Cephalopods**
digeneans 5091
Isancistrum 2398
Monilicaecum 5091
- Cephalurus chabaudi*, in *Ochotona rufescens*, in USSR (Turkmenia), new record (g.) 1078
- Cerambycidae**, nematodes 3481
- Ceratophora stoddarti*, *Acanthocephalus serendibensis* 5696
- Cerberus rhyncopus**
Camallanides prashadi 5065
Tanqua anomala 5065
- Cercaria anadarae*, n.sp., in *Anadara brasiliiana*, in USA (West South Central) 4588
- C. apatema*, histochemistry 2578
- C. appendiculata*, in *Tectonatica clausa*, in USSR (Arctic), escape mechanism 4218
- C. carelica* I, n.sp., in *Lymnaea corvus*, in USSR (European) 4576
- C. dolomeda*, histochemistry 2578
- C. helvetica*
 in *Bithynia tentaculata*, development 1577
 synonymy 1131
- C. lebouri*
 in *Littorina obtusata*, in USA (North Atlantic), local survey, & new focus 1139
 in *Littorina saxatilis*, in USA (North Atlantic), local survey, & new focus 1139
- Cercaria Levantina* 9, in *Melanoides tuberculata*, in Israel 2972
- Cercaria Levantina* 10, in *Melanoides tuberculata*, in Israel 2972
- Cercaria Levantina* 11, in *Melanoides tuberculata*, in Israel 2972
- Cercaria Levantina* 12, in *Melanoides tuberculata*, in Israel 2972
- Cercaria Levantina* 13, in *Melanoides tuberculata*, in Israel 2972
- Cercaria limnaei* I, n.sp., in *Lymnaea stagnalis*, in India 2419
- C. limnaei* II, n.sp., in *Lymnaea stagnalis*, in India 2419
- C. limnaei* III, n.sp., in *Lymnaea stagnalis*, in India 2419
- C. lymnaeae truncatulae*
 & *Fasciola hepatica*, in *Lymnaea truncatula*, antagonism 3804
- Cercaria lymnaeae truncatulae* *contd.*
 in *Galba truncatula*, in USSR (Siberia), histology of liver 280
- C. mehrai*, n.sp., in *Lymnaea stagnalis*, in India 2974
- C. micrura* I, in *Lithoglyphus naticoides*, shedding rhythm & environmental factors 4211
- C. micrura* II, in *Theodoxus fluviatilis*, shedding rhythm & environmental factors 4211
- C. mirabilis*, to *Azygia inopinata*, n.sp. 4049
- C. octocauda*, in *Tectonatica clausa*, in USSR (Arctic), escape mechanism 4218
- C. oviglandulata*, n.sp., in *Lymnaea stagnalis*, in India 2974
- C. polypyreta*, histochemistry 2578
- C. rhionica* XI, in *Melanopsis praemorsa*, in USSR (Georgia) 4339
- C. rhionica* XII, in *Melanopsis praemorsa*, in USSR (Georgia) 4339
- C. rhionica* XI, to *Mesostephanus appendiculatus* ? 4339
- C. rhionica* I, n.sp., in *Melanopsis praemorsa*, in USSR (Georgia) 3527
- C. rhionica* XI, n.sp., in *Melanopsis praemorsa*, in USSR (Georgia) 3527
- C. rhionica* VII, n.sp., in *Melanopsis praemorsa*, in USSR (Georgia) 3527
- C. rhionica* VIII, n.sp., in *Melanopsis praemorsa*, in USSR (Georgia) 3527
- C. saccocaudata*, in *Tectonatica clausa*, in USSR (Arctic), escape mechanism 4218
- C. splendens*, taxonomy 689
- C. stephanocauda*
 in freshwater fish, experimental 5480
 in *Goniobasis laqueata*, in (East South Central), life-history 5480
 in *Pleurocera canaliculatum*, in USA (East South Central), life-history 5480
- C. trioculata*, n.sp., in *Melanoides tuberculatus*, in India 1191
- Cercariae** (see also Metacercariae; Trematode larvae)
 development of germ cells 467
 in fresh water, predation, & penetration of non-specific hosts 3678
 in freshwater molluscs, in USSR (Uzbekistan), local survey 3473
 in laboratory animals, penetration of eye 2628
 in *Melanopsis praemorsa*, in USSR (Georgia), local survey, & new species 3527
 in molluscs
 in Egypt, local survey, & morphology 2373
 shedding rhythm & environmental factors 3674
 in *Semisulcospira*, in Japan, distribution & incidence 1771

- Cercariae indicae** XLIX, in *Amnicola travancorica*, in India 688
- C. indicae** LXVII, n.sp., in *Melanoides tuberculatus*, in India 6176
- C. indicae** LXVIII, n.sp., in *Amnicola travancorica*, in India 6176
- C. indicae** LXIX, n.sp., in *Amnicola travancorica*, in India 6176
- C. indicae** LXX, n.sp., in *Amnicola travancorica*, in India 688
- Cercariaeum type I**
in *Chaetogaster limnaei*, in USA (East North Central) 4044
in *Laevapex fuscus*, in USA (East North Central) 4044
- Cercariaeum type II**
in *Chaetogaster limnaei*, in USA (East North Central) 4044
in *Dugesia*, in USA (East North Central) 4044
in *Laevapex fuscus*, in USA (East North Central) 4044
- Cercariaeum type III**
in *Chaetogaster limnaei*, in USA (East North Central) 4044
in *Dugesia*, in USA (East North Central) 4044
in *Ferrissia rivularis*, in USA (East North Central) 4044
- C. valvatae**, n.sp., in *Valvata sibirica*, in USSR (Far East) 1189
- Cercheis tinnunculus**, *Euparadistomum falconi* n.sp. 5120
- Cercopithecus nictitans**, *Coenurus* 4949
- Cerithium moniliferum**, *Lobatostoma manteri* 3312
- Cervidae**, filariids 5582
- Cervus canadensis**
Dictyocaulus viviparus 1037, 4997
Elaphostrongylus cervi 4997
- C. elaphus**
Cutifilaria wenki 1051
Elaphostrongylus cervi 4996
Fascioloides magna 5578
helminths 2294, 5511
Onchocerca flexuosa 1051, 2761
O. garmsi 5582
O. tarsicola 1051
O. tubingensis 1051
- C. elaphus hippelaphus**, *Elaphostrongylus cervi* 4609
- C. elaphus maral**
Mecistocirrus digitatus 4460
Setaria cervi 976
Taenia hydatigena 6031
thiabendazole 2076, 5428
Trichuris 6031
- C. nippon hortulorum**, bithionol sulphoxide 4805
- Cestode larvae** (see also group names of larval stages, generic names of adults)

Cestode larvae contd.

- in cattle
in Iran, incidence 4999
in USSR (Moldavia), economic loss 1397
- in crustaceans, in USSR (Siberia), local survey, & morphology 659
- in Cyclopoida, in USSR (Kazakhstan), distribution, & host ecology 2001
- in domestic animals
in Bulgaria, control 4029
in Iran 666
- in *Euphausia similis*, in Japan, new records (g.), & new (?) species 1773
- in Euphausiidae, in North Pacific, incidence 1774
- in oribatid mites, in Poland, survey 4552
- in pig, in USSR (Moldavia), economic loss 1397
- in sheep
in Iran, incidence 4999
in USSR (Moldavia), economic loss 1397
- Cestodes**
in *Alectoris graeca cypryates*, in Bulgaria, chemotherapy 4327
in *Anas platyrhynchos*, in USSR (Lithuania), listed 1100
in animals, & man, zoonoses, reviewed 5561
in *Anser albifrons*, in Canada, incidence, new records (g. & h.), & seasonal variation 4516
in *Anser caerulescens caerulescens*, in Canada, incidence, new records (g. & h.), & seasonal variation 4516
in Anseriformes
in Poland, zoo, host specificity, & new records (h.) 5972
site specificity 5972
in USSR (Far East) 1101
in aquatic birds, in Yugoslavia, morphology, & new records (g.) 2328
in birds
in Nepal, local survey 4604
in USSR (Kazakhstan), ecology of intermediary 2001
in USSR (Siberia), local survey 76
in USSR (Ukraine), survey 71
in *Branta bernicla nigricans*, in Canada, incidence, new records (g. & h.), & seasonal variation 4516
in Charadriiformes, in USSR (Ukraine), new records (h.) 621
in Chiroptera, in USA, zoogeography 5683
in dog
in Britain, local survey 6071–6072
in Bulgaria, niclosamide 3813
chemotherapy 1515
in Poland, niclosamide 2062
in USSR, local survey 3961

Cestodes *contd.*in dog *contd.*in USSR (European), bunamidine
oxynaphthoate 6386in USSR (Kazakhstan), niclosamide
5876in domestic animals, in Netherlands,
general account 4291in elasmobranchs, in USA (West South
Central), new records (g. & h.) 4523
evolution 2157

evolution & ontogeny 462

in fish, in USSR (Kazakhstan), ecology of
intermediary 2001

in fox, transmission in rabbit offal 3691

in freshwater fish
in USSR (Siberia), incidence 1745,
4522

in USSR (Ukraine), local survey 96

in goat, in Philippines, Fen-arsenate 943

in goose, in Germany, mebendazole 3726

in *Gyps africanus*, in Kenya 4514

histology 5509

host index-catalogue 4377

host-parasite relationships 2983

in invertebrates, in Poland, new records
(h.) 5972

in Laridae, in USSR (Azov Sea) 1092

in man

case report 2260

eosinophilia 1862

paromomycin 894

in Poland, control assessment 5911

zoonoses 2231

microsporidians 2173

in Muridae, incidence, & host ecology
3440

neuromuscular regulation 295

in oligochaetes, life-cycles classified 458
physiology & ultrastructure of intestine
2983

in rabbit, transmission, to fox 3691

in rat, in Kenya 5034

in ruminants

in Afghanistan, local survey 5581

in USSR (Kazakhstan), chemotherapy
3349

in sheep

in Bulgaria, niclosamide 3813

in France, *trans*-1,4-bis(2-
isothiocyanatoethyl) cyclohexane
3809

niclosamide 4374

in USSR, copper sulphate plus

phenothiazine salt 1435

technique for preparing, for staining
1561

technique for skinning 2127

technique for studying
enzyme distribution 294

by skinning 3300

Cestodes *contd.*in Tenebrionidae, in USSR (Tadzhikistan)
2365

(text-book) 2200

in tylopods, brief account 5047

in vertebrates, proteolytic activity,
compared 4201**Cetaceans**

anthelmintics 3802

helminths 2321

Ceylon (*see* Sri Lanka)***Chabaudgolyania terdentatum***, in *Rana*
graeca, in Yugoslavia, new record (g. &
h.) 1106***Chabastrigea rangii***, n.sp., in *Accipiter*
badius, in India 2408***Chabertia***, in sheep, in USSR (Moldavia),
seasonal variation 859***C. ovina***, larvae, on pasture, in USSR
(Kazakhstan), survival & development
1392**Chad*****Fasciola gigantica*** 5904

helminths, in domestic animals 6495

Heterobothrium fluviatilis n.sp. 6159***Oesophagostomum synceri*** n.sp. 2203***Parabronema longispiculatum*** 5164***Schistosoma haematobium*** 4409***Chaenobryttus gulosus***, ***Cleidodiscus pricei***
2344***Chaerophon***, ***Molinostrongylus bauchoti***
n.sp. 702***C. limbatu***, ***Molinostrongylus benexae*** n.sp.
702***Chaetogaster limnaei******Cercariaeum*** type I 4044***Cercariaeum*** type II 4044***Cercariaeum*** type III 4044***Chaimarrornis leucocephalus******Capillaria exilis*** 6087***C. ovopunctata*** 6087***Chamaeleon zeylanicus***, ***Plagiorchis***
stunkardi n.sp. 5666***Chandlerella bosei***, in *Copsychus malabarica*
indica, in India, new record (h.) 72***Channa punctata******Genarchopsis goppo*** 2975***Orientocreadium batrachoides*** 2418***Tetracotyle singhi*** n.sp. 1808***T. szidati*** n.sp. 4041***C. striatus******Capingentoides moghei*** n.sp. 1203***Genarchopsis goppo*** 2975***Neocamallanus apapillata*** n.sp. 192**Charadriiformes*****Aploparaksis*** 622

cestodes 621

nematodes 1094

trematodes 618

Charadrius apricarius, ***Brachylaemus***
tjanschanica 2326

- Chaunocephalus ferox***, in *Ciconia*, in Yugoslavia, new record (g.) 4508
- Cheilinus digrammus***, *Phyllodistomum mamaevi* n.sp. 4583
- Chelone mydas***
Adenogaster indica n.sp. 5134
Learedius orientalis 5672
Rameshwarotrema chelonii n.sp. 5134
R. uterocrescens n.g., n.sp. 5134
- Chelonia japonica***, *Schizamphistomum taiwanense* n.sp. 2406
- Chelonodon patoca***, *Diploproctodaeum* 4583
- Chelydra serpentina***
Hapalorhynchus foliorchis n.sp. 145
Telorchis bonnerensis 5320
T. corti 5320
- Chile**
Aprostotandrya octodonensis n.sp. 3014
Capillaria obsignata 617
Fasciola hepatica 2893
Graphidioides taglei n.sp. 3014
 helminths
 in cattle 1161
 in dog 605
 in equines 1161
 in fowl 1097
 in man 930, 1033, 1518, 3695, 3787
 in *Octodon degus* 3014
 in pig 1161, 4711
 in sheep 1161
 hydatid 554, 784, 2839
Longistriata degusi n.sp. 3014
 nematodes, in man 2224
Octodontoxys gigantea n.g., n.sp. 3008
Trichinella 1275
T. spiralis 598, 2857
Trichostrongylus tenuis 6085
Trichuris bradleyi n.sp. 4603
T. chiliensis n.sp. 6191
- Chilo suppressalis***, DD-136 6141
- Chilomycterus hystrix***, *Helicometrina chilomycteri* n.sp. 4573
- Chimpanzee**, *Schistosoma japonicum* 1930
- China**
Cucullanus anguillae n.sp. 5695
Dichelyne longispiculata n.sp. 5695
Echinocephalus crassostreai n.sp. 1832
 filariids 2654
Paragonimus 1796, 2360
P. szechuanensis 1149
P. westermani 1149
Procammallanus fukiensis n.sp. 5695
Rhipidocotyle adbaculum 1187
R. baculum 1187
R. clavivesiculum n.sp. 1187
R. croceae n.sp. 1187
Schistosoma 1430, 2654, 2836
S. japonicum 2648, 2738, 3862
Stephanurus dentatus 1690
 trematode metacercariae, in crab 1796
Tylocephalum 3476
- China contd.**
Wuchereria bancrofti 364
- China (Central)**
Acanthosentis shashiensis n.sp. 1826
Paragonimus hueitungensis n.sp. 5665
Schistosoma 1395, 1429, 1431
- China (Hong Kong)**, *Hydrophitrema gigantea* 2330
- China (Macao)**
Clonorchis sinensis 325
Fasciolopsis buski 325
 helminths, in man 325
- China (North East)**
Austrobilharzia pulmonale n.sp. 3525
Orientobilharzia turkestanicum 1415
Trichobilharzia physellae 1415
- China (South)**
Fasciola gigantea 2646
F. hepatica 2646
Metastrongylus apri 2764
Moniezia expansa 1416
Prosthogonimus anatinus 2973
P. cuneatus 2973
Wuchereria bancrofti 6331
- China (South West)**
Bucephalopsis kweiyangensis 2334
Liolohe copulans 2334
Opisthioglyphe orientalis 2334
- Chirocentrus dorab***, *Paramazocraes indica* n.sp. 681
- Chironomids**
Capitomermis breviovariae n.sp. 487
C. brevis n.sp. 487
C. delicata n.sp. 487
C. variaderma n.sp. 487
Gastromermis pararosea n.sp. 491
G. unica n.sp. 491
Hydromermis acutipenis n.sp. 486
Limnomermis crassicauda n.sp. 492
 mermithids 656
Plagiorchis maculosus 2945
- Chironomus***
Gastromermis rosea 2947
 mermithids 2573
- Chiroptera**
 cestodes 5683
Echinocasmus perfoliatus 2420
Hymenolepis christensoni 5683
H. gertschi 5683
H. roudabushi 5683
Leiobdella jawareriensis n.g., n.sp. 1580
Seuratium cancellatum 4617
- Choanotaenia infundibulum***
 in beetles, in USSR (Far East), incidence, & life-history 4517
 in *Dermestes*, in Cuba, host susceptibility 4002
 in *Dermestes ater*, in Cuba, incidence, & seasonal variation 4003
 in fowl, in USSR (Far East), incidence, & life-history 4517

Choanotaenia contd.

- C. passerina*, in *Passer domesticus*, in India, new record (g.), & redescribed 4590
- Chologaster cornuta*, nematodes 5972
- Chondropython viridis*, *Bothridium* 791
- Chondrostoma kneri*
Dactylogyrus chondrostomi 1176
D. dirigerus 1176
D. elegantis 1176
D. ergensi 1176
- C. polylepis polylepis*
Dactylogyrus elegantis 4569
D. vistulae 4569
- Choniangium epistomum*, somatic muscle cells 4612
- Chorinemus*, *Axinoides synorchis* n.sp. 4035
- C. affinis*, *Monaxinoides laminata* n.sp. 3517
- C. lysan*
Allodiscocotyla chorinemi 3517
Camallanus carangis 5179
Dionchus remorae 3517
Tripathia elongata n.sp. 3517
- C. melampygu*, *Neomicrocotyle carangis* n.sp. 3517
- C. sanctipetri*
Allodiscocotyla chorinemi 3517
Tripathia elongata n.sp. 3517
- C. taloo*
Allodiscocotyla chorinemi 3517
Tripathia elongata n.sp. 3517
- Chromonema heliothidis*, n.g., n.sp., in *Heliothis zea*, in USA (South Atlantic), host range, & life-history 6199
- Chrysemys picta*
Allasostomoides chelydrae 2402
Cyclophyllidea 1104
Telorchis robustus 1104
- Chrysops atlanticus*, *Loa loa* 2153
- Chthonerpeton indistinctum*, *Margeana sanmartini* n.sp. 5130
- Chtonobdella parva*, to *Eucryptobdella parva*, n.g., n.comb. 471
- Chtonobdellinae*, n.subf. 471
- Cichlasoma bimaculatum*
Urocleidoides alii n.sp. 1177
U. cichlasomatis n.sp. 1177
U. dobosi n.sp. 1177
- Ciconia*, *Chaunocephalus ferox* 4508
- C. ciconia*
sodium salicylate 6370
Syngamus trachea 6370
- Ciconiiformes*, *Dilepididae* 1722, 3337
- Cipangopaludina*, *Aspidogaster conchicola* 4001
- Cissa caerulea*, *Glaphyrostomum taiwanense* n.sp. 4575
- Citellus citellus*
Echinococcus granulosus 3976
Hymenolepis nana 3976
- C. erythrognus*, *Trichinella spiralis* 327

- Cittotaenia*, in *Lepus californicus melanotis*, in USA (Mountain) 608
- C. bequaerti*, to *Pseudocittotaenia bequaerti*, n.comb. 6185
- C. megasacca*, to *Pseudocittotaenia megasacca*, n.comb. 6185
- C. rhea*, to *Pseudocittotaenia rhea*, n.comb. 6185
- C. wittei*, to *Neoctenotaenia wittei*, n.comb. 6185
- Cladotaenia cylindracea*, morphology 3982
- C. globifera*, in *Falco mexicanus*, in USA (Mountain), new record (h.) 615
- Clamator jacobinus*, *Dispharynx nasuta* 72
- Clarias batrachus*
Astiotrema reniferum 5137
Lytocestus lativitellarium n.sp. 4622
L. parvulus 4622
Procamallanus clarias 4622
P. parvulus n.sp. 4622
- Claribulla longula*, n.g., n.sp., in *Albula vulpes*, & *Sphyaena barracuda*, in USA (South Atlantic) 5676
- Clavunculus bifurcatus*, in *Lepomis gibbosus*, in USA (South Atlantic), new record (h.) 1793
- Cleidodiscus*
in goldfish, in fish farms, trichlorphon 1477
in minnow, in fish farms, trichlorphon 1477
- C. chavarriai*, to *Urocleidoides chavarriai*, n.comb. 1177
- C. ektyphus*, n.sp., in *Ambloplites cavifrons*, in USA (South Atlantic) 1793
- C. pricei*
in *Chaenobryttus gulosus*, in USA (Pacific), new record (h.) 2344
in *Ictalurus melas*, in USA (Pacific), new record (h.) 2344
in *Morone saxatilis*, in USA (Pacific), new record (h.) 2344
- C. travassosi*, to *Urocleidoides travassosi*, n.comb. 1177
- Clelia clelia clelia*, *Kiricephalus* 1156
- Clemmys leprosa*, *Telorchis solivagus* 155
- Clethrionomys glareolus*
Heligmosomoides glareoli 1711
Syphacia petrusewiczii 711
S. petrusewiczii n.sp. 5686
- C. rutilus*, *Heligmosomum cornucephale* n.sp. 6194
- Clinostomum complanatum*, in *Perca schrenki*, in USSR (Kazakhstan) 91
- C. piscidium*
in *Ardeola grayi*, life-cycle, experimental 1571
in *Bubulcus ibis*, life-cycle, experimental 1571
in *Lymnaea luticola*, experimental 1571
in *Lymnaea stagnalis*, experimental 1571

***Clinostomum piscidium* contd.**

- in *Trichogaster fasciatus*, experimental 1571

Cloacina kartana*, n.sp., in *Macropus

- eugenii*, in Australia 1214

C. smalesae*, n.sp., in *Macropus eugenii*, in Australia 1214**Clonorchis***

- in man
 - diagnosis by FAT 3035
 - diagnosis by FATI 2467
- in Korea
 - local survey 2265
 - serum proteins 2468
 - niclofolan 3280
- in *Parafossarulus manchouricus*, in Japan, incidence 652

C. sinensis

- in *Acanthogobius flavimanus*, in Korea 2354
- in *Bithynia manchourica*, in Korea 2369
- & cancer, in man, in Hong Kong 5757
- cercariae, in *Parafossarulus manchouricus*, in Korea 2358
- in freshwater fish
 - in Korea
 - clavate cells & susceptibility 2353
 - local survey 2243
 - immunoelectrophoresis 2492
- in laboratory animals, egg output & worm burden 6147
- in man
 - in Asia, reviewed 2859
 - in Britain, exotic infection 1015
 - case reports 3371
 - in China (Macao), epidemiology 325
 - in France, case report of exotic infection 3898
- in Korea
 - epidemiology 2639, 6346
 - incidence 6005
 - intermediaries 2377
 - & local survey 2390
 - local survey 2243
 - new focus 2244
 - survey of intermediary 6139
 - serodiagnosis 2453
- metacercariae, in freshwater fish, in Korea 6104
 - in *Pseudorasbora parva* 6107
- in *Parafossarulus manchouricus*
 - in Korea
 - incidence 5641
 - seasonal variation 6121
- in pig
 - in Taiwan
 - local survey 592
 - pathology 590
- in rabbit
 - anthelmintics tested 6415
 - chemotherapy 2717

***Clonorchis sinensis* contd.**

- in rabbit contd.
 - pathology of liver 2539
- in rat
 - bisbendazole 2715
 - mast cell response 6209

Clostridium perfringens* & *Strongyloides papillosus

- in guinea-pig
 - susceptibility 2962
 - transmission of bacteria 4565

Clupanodon punctatus*, *Dichelyne longispiculata* n.sp. 5695**Clupea harengus***

- Anisakis* 4934
- Renicola* 633

Clupeiformes*, helminths 6111**Cnemaspis kandianus kandianus*,**

- Acanthocephalus serendibensis* 5696

Coenagrion*, *Contracecum spasskii* 1569**Coenurus***

- in *Cercopithecus nictitans*, in Germany, zoo, pericardial calcification 4949
- in domestic animals, in USSR (Siberia), control, economic loss, & incidence 1783
- in goat
 - anomalous specimen 165
- in India 2874
 - diagnosis & treatment by surgery 1684

- in sheep
 - immunity 1222
- in India 2874
- in USSR (Kazakhstan), control, & economic loss 1541

C. cerebrealis

- antigens, calcium & inorganic phosphorus content 5791
- in man, in USSR (Uzbekistan), haematology 1339
- in sheep
 - antigens 3110
- in Egypt, clinical signs & pathology 1043
- hyaluronidase 5305
- in USSR (Ukraine), outbreak 4987

C. serialis

- in rabbit
 - general account 5611
 - in South Africa, general account 6081

Coelotrematoma mica*, n.sp., in *Tryonix chinensis*, in North Viet Nam 1190**Coitocaecum manteri*, n.sp., in *Synodus variegatus*, in Red Sea 4583*****Coleoptera* (see also Beetles)**

- helminth larvae 4007
- Hymenolepis erinacei* 5638

Collyriclum faba*, in birds, in USA (East North Central), local survey 1088**Colobus geraza***

- Strongyloides* 1613

- Colobus geraza* *contd.*
 thiabendazole 1613
- Coloeus monedula*, *Anomotaenia constricta* 2429
- Colombia**
Ascaris lumbricoides 2855
Creptotrema lynchi n.sp. 6167
Cylindrotaenia americana 6167
Glythelminis robustus n.sp. 6167
Gorgoderina diaster 6167
 helminths, in man 2740
Neoplectana carpocapsae 3487
Neodeuteroberis pritchardae n.g., n.sp. 6166
Ophiotaenia bonariensis 6167
Paragonimus caliensis 118
Spirometra mansonoides 1986
Unicoelium prochilodorum n.g., n.sp. 1198
- Coluber ravergieri*, *Physaloptera* 6095
- C. rhodorhachis ladacensis*, *Vigisospirura potekhini* 6095
- Columba livia*
Sobolevicanthus serratus 2985
Staphylepis rustica 2985
- C. livia domestica*, *Sobolevicanthus gracilis* 5972
- Cometeterakis lyriocephali*, n.g., n.sp., in *Lyriocephalus scutatus*, in Sri Lanka 5696
- Comoro Islands**, *Wuchereria bancrofti* 4439, 5522
- Concinnum ten*, in *Nyctereutes procyonoides*, in Japan 5025
- Congo**
Agriostomum vryburgi 2789
 helminths
 in cattle 2789
 in man 2748
- Congo (Kinshasa)** (see Zaire)
- Connochaetes gnou*, helminths 3942
- Conocephalus*, *Eurytrema pancreaticum* 6124
- Conophthorus coniperda*
Aphelenchoides conophthori n.sp. 2188
Panagrolaimus conophthori n.sp. 2185
- C. monophyllae*, *Neoparasitylenchus amvlocercus* n.sp. 5693
- Conphytohdella lineata*, n.g., n.comb., for *Phytohdella lineata* 471
- Conspicuum icteridorum*, in *Tadarida brasiliensis*, in USA (West South Central), new record (h.) 3971
- Contortylenchus bullus*, n.sp., in *Hylurgops pinifex*, in USA 2182
- C. cribicollis*, n.sp., in *Ips cribicollis*, in USA 2182
- C. orthotomici*, n.sp., in *Orthotomicus caelatus*, in USA 2182
- C. pityophthori*, n.sp., in *Pityophthorus*, in USA 2182
- Contortylenchus* *contd.*
- C. reversus*
 in *Dendroctonus pseudotsugae*
 effects on gallery construction & egg-laying 2382
 host haemolymph & oocyte development 790
- C. terebrans*, n.sp., in *Dendroctonus terebrans*, in USA 2183
- Contracaecum**
 larvae, spices & food preservatives 911
 in *Synodus foetens*, in USA (South Atlantic), new record (h.) 4598
- C. brachyurum*
 in *Alosa sapidissima*, in USA (Pacific), new record (h.) 2344
 in *Ictalurus catus*, in USA (Pacific), new record (h.) 2344
 in *Morone saxatilis*, in USA (Pacific), new record (h.) 2344
 in *Promoxis nigromaculatus*, in USA (Pacific), new record (h.) 2344
- C. chorinemi*, in *Caranx sexfasciatus*, in Indian Ocean, & Red Sea, new record (h.) 5179
- C. kashmirensis*, n.sp., in *Milvus migrans*, in India 191
- C. micropapillatum*, life-history 1575
- C. osculatum*
 development & temperature 5770
 in *Zalophus californianus*, general account 5617
- C. spasskii*, in fish-eating birds, life-cycle, experimental 1569
- C. squali*, in sturgeon, in Iran, food chain 4528
- C. tasmaniense*, in *Macruronus novaezelandiae*, in New Zealand, new record (g.) 94
- Control** 4803 (see also Anthelmintics; Insecticides; Molluscicides; Ovicides & larvicides; Prophylaxis; Treatment)
- Acanthocephalus opsariichthydis* 5420
Aelurostrongylus abstrusus 1521
 alveolar hydatid 410, 1442, 2706, 3712, 4793, 5861
Amidostomum 3250
A. anseris 357, 3726
 amphistomes 3812
Ancylostoma 903, 2083, 3257, 3260, 3275, 6394
A. caninum 2065, 2090, 2711, 3673, 3785, 4660
 ova 375
A. duodenale 349, 3215, 3256, 3264, 4424, 4829
A. tubaeforme 1476
Anisakis 911
Anopheles 4870
Anoplocephala 2072
A. perfoliata 3746
 anoplocephalids 4982

Control contd.

- arthropods 3347, 5389, 5829
 ascarid larvae 1530
 ascarid ova 1531, 5889
Ascaridia 1085, 1432, 1488, 2048, 2698,
 4258, 4315, 5846, 5857, 6351, 6367
A. galli 392, 847, 2063, 3761, 4253,
 4288, 4314, 4853, 5298, 6405
 ova 4799
 ascarids 3793, 4831, 4869, 5455
Ascaris 394, 559, 842, 865, 887, 892,
 945, 1440, 1505, 1640, 2102, 2125,
 2692–2693, 3214, 3816, 4266, 4433,
 4792, 5368, 5373, 5390, 5405, 5427,
 5828, 5864, 5869, 5871, 5886, 5894,
 5902, 6360, 6392, 6423, 6430
 ova 1467, 5830–5831, 5860, 5908
A. lumbricoides 435, 1548, 2080, 2667,
 2716, 4299, 4830, 5969
 ova 375, 871, 900, 6388
A. suum 366, 875, 1060, 1540, 2729,
 2736, 3235, 3739, 3777, 3806, 4818,
 5844, 5853, 5962, 6402, 6421
 ova 871, 900, 1529, 5833, 5907, 5973,
 6435
Aspiculuris tetraptera 365, 2731, 3245,
 6426
Avitellina 427, 1489, 2059, 2068, 6287
A. arctica 1911
A. centripunctata 5401
Biomphalaria 1465, 4247
B. alexandrina 3252, 3285, 3755, 3762,
 3791–3792
B. glabrata 877, 880, 921, 940, 2721,
 3252, 4816
B. Pfeifferi 2665, 4423
B. straminea 2721
Bothriocephalus 88, 1523, 1538, 2124
B. gowkongensis 634, 1490, 2342, 2917,
 3266
B. opsariichthydis 2710
Brugia malayi 503, 1514, 2374, 2694,
 2701, 2713, 4386, 4845, 5386, 5433
B. pahangi 4852
Bulinus 381, 4247, 4259
B. contortus 4816
B. (Physopsis) nasutus 4423
B. truncatus 3285, 3762, 3780,
 3791–3792
Bunostomum phlebotomum 5444
B. trigonocephalum 3800
Calicophoron 5874
Capillaria 2048, 2698, 5857
C. aerophila 1502, 3241–3242
C. hepatica 5862
C. philippinensis 4312
 cestode larvae, in domestic animals 4029
 cestodes
 in *Alectoris graeca cypryates* 4327
 in dog 1515, 2062, 3813, 5876, 6386
 in domestic animals 4291
 in goat 943

Control contd.

- cestodes contd.
 in goose 3726
 in man 894, 2231, 5911
 in ruminants 3349
 in sheep 1435, 3809, 3813, 4374
Choanotaenia infundibulum 4517
Cleidodiscus 1477
Clonorchis 3280
C. sinensis 2715, 2717, 6415
Coenurus 1541, 1783
Contraecaeum 911
Cooperia 4828, 5448
C. pectinata 1408
C. punctata 1408
Coretus corneus 3252
Cotylophoron 4791
C. cotylophorum 5435
Culex pipiens fatigans 3750
 cutaneous larva migrans 2233, 4325
Cysticercus 382, 1448, 1783, 2637, 6379
C. bovis 1524, 2097, 2531, 3702, 5577
C. ovis 3870
C. pisiformis 1447, 1449
Cystocaulus ocreatus 6365
Dactylogyrus 88, 1477, 2683
D. hypophthalmichthys 1752
Dicrocoelium 932–933, 1436, 1516,
 2049, 2085, 2110, 3248, 5416, 5836
D. dendriticum 377, 1452, 1494, 3283,
 5414
Dictyocaulus 376, 378, 415, 869, 890,
 1440, 1525, 2089, 2115, 3247, 4801,
 5381, 5395, 5445, 5913, 6341
D. filaria 2028, 2686, 2712, 3271, 3707,
 5415, 6365
D. viviparus 2069, 3198, 4208, 4998,
 5814, 6368
Digramma interrupta 4527
Dipetalonema perstans 2088
Diphyllbothrium latum 5383
 diplostomatids 1112
Diplostomum 1995, 3999
D. clavatum 391
D. spathaceum 391, 5452
Dipylidium caninum 4838
Dirofilaria immitis 418, 611, 2038, 2052,
 3230, 3240, 3293, 3964, 4477, 5823,
 5849, 5881, 6411
Dracunculus medinensis 424, 897, 928,
 1459, 5866
Drepanidotaenia 446, 1436
Echinococcus 1397, 1460, 2045, 2092,
 3778, 3807, 4846, 5425, 6404
E. granulosus 341–342, 872, 1002, 2027,
 2053–2054, 2081, 2678, 2734, 3784,
 4029, 4373, 5438–5439, 6440–6441
E. multilocularis 410, 924, 3229
Echinostoma 1436
E. caproni 3753
Eisenia foetida 4869

Control contd.

- Enterobius* 388, 411, 926, 1027, 1437,
2070, 3216, 3265, 3756, 5402
E. vermicularis 906, 4326, 4830
Eurytrema 4827
Fasciola 374, 412, 416, 420, 500, 932,
941, 947, 1436, 1440, 1446, 1487,
1492–1493, 1511, 1525, 1535, 2035,
2037, 2093–2095, 2106, 2110, 2114,
2727, 2873, 3220, 3248, 3261, 3425,
3810, 4133, 4252, 4280–4281, 4306,
4373, 4796, 4839, 5366, 5409, 5419,
5457, 5971
F. gigantica 360, 912, 1479–1480, 2032,
2867, 5904
F. hepatica 271, 376, 379, 658, 870, 898,
904, 934, 937, 1388, 1452, 1484, 1504,
1520, 1543, 1598–1599, 2029–2030,
2033, 2103, 2662, 2684, 2700, 3225,
3297, 3715–3716, 3775–3776, 3797,
3814, 4257, 4273, 4324, 4702, 4794,
4805–4806, 4820, 4935, 5358, 5387,
5432, 5444, 5835–5836, 5872, 5878,
5906, 5957, 5965, 5969, 6396, 6416
Fascioloides magna 6332
Fasciolopsis buski 3231
filaria 891, 927, 1404, 1454, 2013,
2654, 3238, 3296, 4391, 4790, 4822,
5371, 5386, 5411, 5437, 5453, 5883,
6363
Formica 3283
F. rufa 1494
freshwater molluscs 931
Galba occulta 658
G. truncatula 658, 5965
Ganguleterakis pumosa 2040
gastro-intestinal helminths
 in cattle 913
 in man 499
 in pig 2061
 in sheep 2028
gastro-intestinal nematodes
 in camel 2656
 in cattle 485, 890, 2051, 2115, 2705,
 2708, 2732, 3339, 3713, 3789, 5361,
 5448, 5519, 5814, 6437
 in domestic animals 3747
 in goat 2656
 in horse 429, 4322, 5847
 in mammals 353
 in man 901
 in pig 1510, 2116, 4370, 4868
 in ruminants 2666
 in sheep 376, 387, 396, 898, 1444,
 2074, 2115, 2656, 2704, 2719, 2735,
 3227, 3774, 3789, 4287, 4374–4375,
 4842, 5415, 5432, 5519, 5814, 5877,
 6352, 6369, 6381
gastro-intestinal strongyles 3218
Gastrodiscus aegyptiacus 4131
Gastrothylax 3781, 4791
G. crumenifer 3268

Control contd.

- Gyrodactylus* 1477, 3291
Haemonchus 1541, 4284, 5448
H. contortus 356, 430, 1931, 2042, 3786,
3788, 3812, 4285, 5413, 6419
H. placei 5444
helminth larvae & ova 4813
helminth ova
 in manure 5832, 5834, 5900, 6353
 in refuse 3749
 in sewage 2672, 3282
helminths 350, 5982
 in animals 995, 1473, 2026, 3507,
 3602, 5974
 in birds 3336
 in carp 1433, 3288, 3469
 in cat 1443, 4854, 6382
 in cattle 358, 1670, 2195, 2285, 2785,
 2789–2790, 4269, 4374, 4809, 5369,
 5584–5585, 5884, 5896, 6377, 6385,
 6403
 in cetaceans 3802
 in *Coregonus peled* 3288
 in deer 3938
 in dog 1443, 1539, 4301, 4854, 6066,
 6069, 6382
 in domestic animals 868, 888, 1509,
 1526, 2056, 2079, 2204, 3333,
 4316–4317, 4380, 5365, 5380, 5852,
 5895, 5977, 6401
 in donkey 1661
 in *Elephas maximus* 1718
 in fish 3748, 4297, 4304
 in fowl 443, 860, 1721, 2697, 2901,
 3759, 5901, 6413
 in fox 2675, 4374
 in freshwater fish 2117, 2916, 3465
 in fur-bearing animals 2073
 in goat 3244
 in goose 2039, 3298
 in horse 573, 884, 1451, 3278, 4450,
 4975, 5377
 in *Lepus europaeus* 2657
 in man 384, 558, 881, 895, 930, 936,
 948, 1030, 1398, 1441, 1518, 1537,
 1600, 1635, 1640, 2091, 2104, 2118,
 2680, 2726, 2811, 2827, 3276, 3289,
 3294, 3329, 3392, 3600, 3706, 3714,
 3758, 3787, 3808, 3818, 4260, 4271,
 4278, 4319, 4835, 4865, 5339, 5407,
 5510, 5852, 5854, 5880, 5891–5892,
 5965, 5974, 6026, 6355–6356, 6380,
 6412, 6420, 6433, 6439, 6488
 in *Okapia johnstonii* 5424
 in pig 902, 1303, 1693, 4269, 4296,
 4374, 5959, 6057, 6387
 in rabbit 5036
 in reptiles 4520, 5627
 in ruminants 3413, 4303, 4318, 5851
 in *Saimiri sciureus* 3766

Control contd.

helminths contd.

in sheep 348, 352, 354, 413, 432, 1450,
1668, 1688, 2014, 2046, 2112, 2195,
2676, 2785, 3219, 3223, 3815, 4275,
4309, 4374, 4798, 4823, 4989, 5360,
5369, 5382, 5408, 5425, 5912, 6378

in *Sus scrofa* 5456

in turkeys 6413

in *Zalophus californianus* 274

in zoo animals 4263, 4292

Heterakis 1085, 1432, 1488, 2048, 2698,
4258, 5846, 5857, 6351, 6367

H. gallinae 1533, 3799, 4314, 4861

H. spumosa 2695

Hirudo medicinalis 1540

hookworm 862, 865, 873, 887, 929,
1512, 1550, 2080, 2125–2126, 2671,
2693, 3214, 3239, 3255, 4266, 4284,
4294, 5368, 5374, 5887, 5995, 6430

larvae 2060

hydatid 341, 382, 425, 1460–1461, 1656,
1783, 2637, 2840, 3248, 3807, 5384,
5827, 6379

Hymenolepis 400, 441, 446, 857, 892,
2039, 4266, 4817, 5969, 6423

H. diminuta 1452, 6366

H. nana 407, 1027, 1549, 2731,
3771–3772, 4279, 4283, 5363, 5383,
5443, 5867, 6399, 6406, 6426

Hyostrongylus rubidus 2696, 3803, 4274,
4847

Indoplanorbis 431

I. exustus 3251

Inermicapsifer madagascariensis 529

insects 3347

intestinal helminths, in dog 1707

intestinal nematodes 2714

in pig 3263

Khawia sinensis 4304

Lamanema chavezii 1472

Ligula intestinalis 4527

Liorchis scotiae 3268

Litomosoides carinii 1485, 2109, 5411

liver-fluke 498, 5877

Lumbricus 4869

lungworms 2724–2725, 3254, 3349, 4984,
5963, 5971

Lymnaea 431, 1495

L. truncatula 2029, 2093, 4257, 4806

Marshallagia 423

Mecistocirrus 373

Mesocostoides corti 382

Metastrongylus 366, 4869

M. apri 3269

M. elongatus 5870

M. pudendotectus 5870

M. salmi 5870

molluscs 374, 861, 885–886, 939, 941,
944, 1468, 3283, 6374–6375

Control contd.

Moniezia 343, 1446, 1452, 1522, 1541,
2072, 2115, 2703, 2730, 3790, 4373,
4467, 5401, 6287

M. expansa 369, 1416, 2084

M. plannissima 934

monogeneans 2113

mosquito 3296, 3737, 6411

Muellerius capillaris 1593, 6431–6432

Multiceps 2045, 2092, 6404

M. multiceps 4029, 6440–6441

Necator 3816, 4792, 6394

N. americanus 3256, 3264, 4424, 4829,
5890

nematode larvae, on pasture 6358

nematode ova 4868

nematodes 2688

in animals 383, 436

in cattle 333, 363, 368, 912, 934, 2066,
3734, 3775, 3870, 4255, 5835, 5888

in dog 370

in domestic animals 437–438

in equines 3281

in fowl 669, 938, 3249, 6393

in goat 3221

in goose 3249

in horse 2087, 4374

in man 442, 1008, 1455, 3255, 4320

in moufflon 6409

in *Papio ursinus* 2680

in pig 395, 1464, 1470, 2050, 2301,
2729, 4265, 4293, 4300, 4374–4375,
4819, 4867, 5971, 6393

in pigeon 938

in ruminants 355, 2071

in sheep 367–368, 372, 395, 440, 899,
1458, 1471, 1478, 2077, 2101, 2686,
3734, 3738, 3768, 3776, 4270, 4834,
4844, 4933

Nematodirus 1497, 3299, 5276, 5459,
6357, 6400

N. battus 1998

N. filicollis 1998

N. spathiger 5458

Nematospiroides dubius 2695

Neoechinorhynchus rutili 3805

Nippostrongylus brasiliensis 2040, 3235,
4855–4856, 4864, 5839

Oesophagostomum 2696, 3803, 4274,
4818, 4825, 4847, 5853, 5864, 6391
ova 5908

O. dentatum 422

Onchocerca 1456, 4822, 4863, 5882,
6428

O. gutturosa 4810, 5850

O. lienalis 5850

O. volvulus 1587, 1623, 2088, 2664,
2720, 2807, 5359, 5822, 5842–5843,
5845

Oncomelania 1429–1431, 2738

O. nosophora 390

Opisthorchis 397, 406, 1506, 3232, 3782

Control contd.

Opisthorchis contd.*O. felineus* 347*Ostertagia* 346, 878, 4828, 5276, 5431, 5448, 6438*O. circumcincta* 6419*O. ostertagi* 415, 587, 867, 1466, 4990, 4998*Oxyuris equi* 2690, 4264, 5421, 6390*Parafilaria bovicola* 6499*Paragonimus* 439, 2718, 4702*P. kellicotti* 414, 3435*P. miyazakii* 5397*P. ohirai* 4795, 5397*P. westermani* 6343

paramphistomatids 3817

paramphistomes 445, 1480, 1493, 1527, 1903, 4373, 4871

Paramphistomum 404, 2094*P. cervi* 5874*P. microbothrium* 369, 1547, 3937, 5872*Parascaris* 5825*P. equorum* 2064, 2655, 3723, 4264, 6389–6390

parasites 3290

in animals 751, 4826

in carp 6354

in domestic animals 4282

in fish 2923

in man 751, 3195, 3274, 3385, 4797, 5370

in sheep 5587

in zoo ruminants 4268

Paraspidodera uncinata 4267*Probstmayria vivipara* 5825

protostrongylids 1044, 2076, 3277, 6374–6375

Protostrongylus 5423, 6359*P. rufescens* 6365*Pseudorhadinorhynchus samegaiensis* 5420*Raillietina* 4314*R. echinobothrida* 5061*Sanguinicola* 2923*S. inermis* 5885*Schistosoma* 345, 499, 861, 866, 877, 879–880, 885–886, 914, 922, 935, 939, 944, 1429–1431, 1434, 1463, 2025, 2123, 2654, 2709, 2810, 3213, 3238, 3287, 3705, 3718, 3725, 3732, 3755, 3764, 3792, 4323–4324, 4389, 4429, 4790, 4822, 5367, 5388, 5398, 5412, 5436–5437, 5441, 5837–5838, 5840, 5863, 5883, 6363, 6436*S. haematobium* 381, 864, 1498, 1589, 1882, 2119, 2722, 2824, 2838, 3719, 3724, 3730, 3765, 3780, 3783, 4088, 4247, 4259, 4423, 4698, 4812, 4814, 4832–4833, 4843, 4851, 5540, 5751*S. incognitum* 4848*S. indicum* 1347*S. japonicum* 2738, 3743

Control contd.

Schistosoma japonicum contd.

cercariae 5868

S. mansoni 385, 393, 426, 433, 874, 921, 940, 1486, 1498, 1501, 1507, 1589, 1882, 2660, 2665, 2668, 2670, 2728, 3224, 3273, 3711, 3717, 3719, 3721, 3729, 3731, 3741–3743, 3745, 3767, 3779, 3795, 3811, 4088, 4247, 4251, 4256, 4272, 4276, 4311, 4313, 4423, 4698, 4815, 4833, 4850–4851, 5362, 5855, 5910, 6410

cercariae 909

ova 3760

schistosomes 1475, 3791

Setaria 3757

simuliids 5909

Simulium damnosum 1456, 1587, 4863, 6428

snails 935, 1475, 2935, 4802, 5417, 5840

Stephanofilaria 1041, 6364*S. assamensis* 918*Stephanurus dentatus* 1060, 1546, 1690, 6260

strongyles 905, 1440, 2687, 3272, 3800, 4831

strongylid ova 5889

strongylids 30, 2014, 2043, 2064, 2111, 2643, 2655, 2690, 2699, 3236, 3254, 3286, 3723, 4141, 4298, 4860, 4990, 5421, 5428, 5450, 5580, 5898, 6373, 6422

Strongyloides 558, 2687, 3253, 4254, 5450

ova 5908

S. papillosus 1388*S. ransomi* 5844*S. stercoralis* 2080, 4249, 5865

larvae 2060

Strongylus 4264, 5421, 6390*S. vulgaris* 2075, 6030, 6429*Subulura brumpti* 344*Syngamus* 371*S. trachea* 875, 2677, 5418, 6370*Syphacia muris* 5447*S. obvelata* 365, 407, 2731, 3245, 3772, 3796, 6406, 6426*Taenia* 407, 3778, 4838, 6430

& parasites 2659

T. crassiceps 1442, 3229*T. hydatigena* 1002, 1461–1462, 2045, 2053–2054, 2678, 4029, 6441*T. ovis* 1461*T. saginata* 1513, 1549, 2036, 2078, 2097–2098, 2658, 3217, 3267, 3356, 3888, 3909, 4286, 5383, 5404, 5856, 5858, 5911, 6414*T. solium* 2036, 5905*T. taeniaeformis* 2661*Terranova* 911*Tetrameres fissispina* 5391*Thelazia* 3295, 5378

Control contd.*Thelazia* contd.

- T. rhodesii* 4469, 6395
Thysaniezia 427, 2059
T. giardi 2730
Toxascaris 2083, 3257
T. leonina 5887, 6408
Toxocara 2083, 3257, 5887
T. canis 1474, 6408
T. cati 1476, 6408
 ova 900

trematodes

- in animals 436, 1763-1764, 2935
 in man 1763-1764, 2935
 in zebu 2868
Triaenophorus nodulosus 2684, 3466, 4820
Trichinella 351, 409, 2637, 2793, 3270, 5406, 5804, 5967
 (strains) 3143
T. spiralis 876, 896, 1478, 3064, 3228, 3233, 3243, 3292, 3326, 3728, 3733, 3751, 4864, 5962, 5967, 6326, 6372
 trichostrongyles 415, 421, 1545, 3720
 trichostrongylids 943, 1002, 1993, 4983, 5519
Trichostrongylus 865, 887, 5276, 6438
T. axei 5421, 6419
T. orientalis 2120
T. tenuis 3726
Trichuris 398, 892, 945, 1505, 2055, 2125, 2687, 2692, 3279, 3754, 3816, 4983, 5368, 5390, 5394, 5864, 5873, 5879, 6398, 6423, 6434
 ova 923, 5907-5908
T. muris 2040
T. myocastoris 1519
T. suis 366, 5588
 ova 6435
T. trichiura 405, 1548, 2041, 2080, 2702, 3284, 3709, 3794
 ova 375
T. vulpis 5357, 5859
Troglostrongylus 2082
Uncinaria 1469, 1503
 visceral larva migrans 2233
Vivipara 431
Wuchereria bancrofti 364, 503, 942, 2674, 3750, 3763, 4228, 4870, 5386, 5433, 6321
- Control, biological**
Agrotis ipsolon 5645
Anopheles 3347
A. crucians 5093
Antigastra catalaunalis 6128
Ascaris suum, ova 5833
Austrosimulium bancrofti 6127
Biomphalaria 4836
B. glabrata 1763-1764
 boll weevil 1124
Bulinus 4836
Cephaleia abietis 4550

Control, biological contd.

- Chilo suppressalis* 6141
Culex 1135
Digramma 863
Diplostomum spathaceum 6407
Fasciola hepatica 4324
Formica 3283
Heteronychus arator 5647
 insects 1144, 2371, 4324
Leptinotarsa decemlineata 1136, 1754, 1760, 5973
Lygus rugulipennis 1754
Lymnaea auricularia 3736
L. truncatula 1142, 3804
Melolontha melolontha 4932
 mosquito 2378-2379, 2932, 4535, 4545
Musca vetustissima 646
 nematodes, in ant nests 2626
 reviewed 3246
Schistosoma 4324
S. nasalis 4213
 Sciarinae 113
 simuliids 655, 3347, 3490, 6132
Simulium 4537
 snails 5520
Spodoptera frugiperda 3487
 trematode larvae 3740
Trichinella spiralis 2948
- Cooperia**
 in cattle
 fenbendazole 5448
 thiabendazole 4828
- C. curticei**
 larvae, technique for extracting, from herbage & soil 2739
 in sheep, pathogenicity 3610
- C. dubosti**, n.sp., in *Hyemoschus aquaticus*, in Gabon 187
- C. oncophora**
 in cattle, larval maturation requirements 6311
 larvae & ova, on pasture, in Sweden, development & survival 315
- C. pectinata**, in cattle, in Niger, arrested development 1408
- C. punctata**, in cattle, in Niger, arrested development 1408
- Copepods**
Bothriocephalus scorpii 1603
 hymenolepidids 2361
 ligulids 2015
 trematodes 5951
Triaenophorus 3485
Udonella caligorum 3016
- Copsychus malabarica indica**, *Chandlerella bosei* 72
- Corallobothrium giganteum**, in *Ictalurus melas*, in USA (Pacific), new record (h.) 2344
- Corbicula**, *Lophotaspis orientalis* 1795
Cordicauda, phylogeny 3537

Cordicauda *contd.*

C. magnabursa, n.sp., in *Trichys lipura*, in Malaysia, distribution in intestine 3537

C. malayensis, n.sp., in *Trichys lipura*, in Malaysia, distribution in intestine 3537

C. trichysi, n.sp., in *Trichys lipura*, in Malaysia, distribution in intestine 3537

Coregonus, diplostomatids 1112

C. albula, helminths 4531

C. peled

caryophyllaeids 2352

helminths 3456

phenothiazine 3288

Coretus corneus

Asiotrema trituri 3564, 4185

control by niclosamide 3252

Xiphidiocercaria VII 4185

Corrigia obscura, n.sp., in *Anas rubripes*, in Canada 5123

Corsica, *Polystoma viridis* n.sp. 136

Coryidae

Passerilepis crenata 4515

P. stylosa 4515

Prosthogonimus cuneatus 4515

P. ovatus 4515

trematodes 2403

Corvus, *Plagiorchis maculosus* 2403

C. brachyrhynchos

Capillaria resecta 1084

helminths 1084

C. frugilegus

Brachylecithum eugenia 2403

Dilepis brachyarthra 2428

helminths 1379

Leucochloridium actitis 2403

Syngamus trachea 1729

C. splendens

Echinochasmus (Episthochasmus) corvus 2412

Pleurosolus singhi n.sp. 2417

Syphacia 4073

Corydoras aeneus

Urocleidoides corydori n.sp. 1177

U. margolisi n.sp. 1177

Corynosoma grvida, to *Andracantha grvida*, n.g., n.comb. 1825

C. mergi, to *Andracantha mergi*, n.comb. 1825

C. phalacrocoracis, to *Andracantha phalacrocoracis*, n.comb. 1825

C. villosum, in *Phoca vitulina largha*, in USSR (Far East), new record (h.) 64

Coryphaenoides, *Cyclocotyloides pinguis* 5664

C. striatura, *Lebboia striaturae* n.g., n.sp. 6162

Cosmocerca brasiliensis, in frog, in Ecuador, new records (g. & h.), & redescribed 6193

C. ornata, in *Rana graeca*, in Yugoslavia 1106

Costa Rica

Ascaris lumbricoides 2080

hookworm 2080

Paragonimus mexicanus 1767

Strongyloides stercoralis 2080, 4249

Trichuris trichiura 2080

Cottocomephoronema, synonym of

Haplonema 174

C. problematica, synonym of *Haplonema hamulatum* 174

Cottus gobio

Nicolla gallica 2632

Pomphorhynchus laevis 2632

Triaenophorus nodulosus 2632

Cotugna digonopora, in fowl, in Iran 5059

Cotylogaster occidentalis, ultrastructure of cotylocidium larva 4039

Cotylophoron, in sheep, in India, chemotherapy 4791

C. cotylophorum

development of miracidia 304

& *Fasciola hepatica*

in cattle, technique for differentiating 954

in snails, technique for differentiating 954

in goat, resorantel 5435

lipid composition 4760

lipid content 3665

in sheep

in India, outbreak 3923

in Mexico, new record (g.) 3423

Cotylotretus cubanicus

in *Anas platyrhynchos*, in USSR, new record (g. & h.) 5625

in *Aythya ferina*, in USSR, new record (g. & h.) 5625

in *Aythya nyroca*, in USSR, new record (g. & h.) 5625

Cotylurostrigea brandivittellata, synonym of *Cotylurus strigeoides* 2405

C. raabei, in duck, in USSR, morphology 1096

Cotylurus (Cotylurus) strigeoides

in *Aythya fuligula*

in Europe, new record (g.) 3518

in Netherlands, new record (g.) 3518

C. hebraicus, in duck, in USSR, morphology 1096

C. japonicus, in *Mergus serrator*, in USSR (Siberia), new record (h.) 2907

C. lutzi, in vitro, technique for culturing 2752

C. platycephalus

in *Anas crecca*, in Canada, new record (h.) 1733

in *Anas discors*, in Canada, new record (h.) 1733

C. strigeoides, synonymy 2405

Coypu, helminths 5113

Crab

Paragonimus 2360

Crab contd.

- Paragonimus* contd.
metacercariae 1796
trematode metacercariae 1796

Cracidae, helminths 70

- Crassiphiala bulboglossa***, metacercariae, in
Perca flavescens, in USA (East North
Central), pathogenicity 640

Crassostrea commercialis*, *Tylocephalum* 4023**C. echinata*, *Tylocephalum* 4023*****C. gigas***

- Bucephalus* 1758
Echinocephalus crassostreai 1899
E. crassostreai n.sp. 1832
E. sinensis 1318
Tylocephalum 3476

Crayfish, *Paragonimus westermani* 6343**Creeping eruption (see also Larva migrans)*****Crenosoma petrowi***

- in *Martes pennanti*, in Canada, incidence
5016

- in *Mustela erminea*, in USSR

- (Kazakhstan), new record (h.) 5605

***Crepidobothrium gerrardi*, in *Lachesis muta*
muta, in Trinidad, new record (h.) 1156*****Crepidostomum cornutum*, in *Pyloodictus*
olivaris, in USA (South Atlantic), new
record (h.) 107*****C. farionis*, in *Salmo trutta*, in USA
(Mountain), waterflow & infection 319*****C. metoecus*, in *Thymallus arcticus*
baicalensis, in Czechoslovakia, new
record (h.) 2931*****Cryptotrema lynchi*, n.sp., in *Bufo marinus*,
in Colombia 6167*****Cricetomys gambianus*, *Inermicapsifer*
madagascariensis 2237*****Cricetulus barabensis*, *Catenotaenia asiatica*
n.sp. 6186*****C. griseus*, *Trichinella spiralis* 4115*****Cricotopus algarum*, *Spiculimermis*
chironomi n.sp. 487*****Crinia laevis*, *Acanthocephalus crinia* n.sp.
171*****C. signifera*, *Acanthocephalus crinia* n.sp.
171*****C. tasmaniensis*, *Acanthocephalus crinia*
n.sp. 171*****Crocidura caerulea*, *Hymenolepis bahl*
1203*****C. flavescens spurelli*, *Suncinema vaucheri*
n.sp. 186*****C. russula*, *Suncinema witenbergi* n.sp.
5186*****Crocothemis servilia*, *Prosthogonimus*
cuneatus 2973*****Crotophaga sulcirostris*, *Torquatoides*
crotophaga 4067*****Crowcrocaecum*, in freshwater fish,
morphological variation 4577*****Crowcrocaecum* contd.**

- C. wisniewskii***, in *Thymallus arcticus*
baicalensis, in Czechoslovakia, new
record (h.) 2931

Crustaceans***Avioserpens mosgovoyi* 1425****bothriocephalids 3511****cestode larvae 659****helminths 4542****hymenolepidids 3511*****Hymenolepis* 5815****nematode larvae 6448*****Plagiorchis elegans* 463*****Raphidascaris acus* 650****Crustaceans, freshwater, helminths 119*****Cryptaphelenchus bicoloris*, n.sp., in
Taphrorychus bicolor, in USSR
(Georgia) 2439*****C. cirrus*, n.sp., in *Ips confusus*, in USA
2190*****C. ipinius*, n.sp., in *Ips pini*, &
Pityophthorus, in USA 2190*****Cryptococcus neoformans*
& *Schistosoma haematobium*
in man****in Nigeria 6149****case report 2958*****Cryptocotyle lingua*****cercariae****development of epidermis 6177****ultrastructure of tail 690****in fish, pathology of muscle 3139****in *Liitorina littorea*, in Britain, host
behaviour 124****in marine fish, pathology & temperature
3148****metacercariae, in marine fish, host
reaction 2563*****Ctenodactylina tunetae*, n.g., n.sp., in
Ctenodactylus gundi, in Tunisia 5688*****Ctenodactylus gundi******Ctenodactylina tunetae* n.g., n.sp. 5688****helminths 5607*****Multiceps multiceps* 5608*****Trichuris gundii* n.sp. 5688*****Ctenopharyngodon idella******Acanthosentis shashiensis* n.sp. 1826*****Dactylogyrus lamellatus* 4722*****Diplostomum* 1995*****D. spathaceum* 5452****helminths 1735****nicosamide 1490*****Skrjabinellus schigini* n.sp. 6206*****Ctenotaenia*, redescribed 6185*****C. ctenoides*, to *Neoctenotaenia ctenoides*,
n.g., n.comb. 6185*****C. praecoquis*, to *Neoctenotaenia praecoquis*,
n.comb. 6185*****C. quadrata*, to *Neoctenotaenia quadrata*,
n.comb. 6185*****C. variabilis*, to *Neoctenotaenia variabilis*,
n.comb. 6185**

Cuba

- Ascaris* 6021
Choanotaenia infundibulum 4002-4003
Dictyocaulus viviparus 4208
Fasciola hepatica 1901, 3927
 helminthology 5493
 helminths, in rat 4501
 medical parasitology 4911
 nematodes, in pig 2050
Ophiotaenia habanensis n.sp. 5681
O. nattereri 5681
O. viperis 5681
Proteocephalus singularis 5681
Skrjabinia cesticillus 4002-4003
Cucullianellus minutus, in *Nereis diversicolor*, in Caspian Sea 3482
Cucullanus, in *Fundulus diaphanus*, in Canada, new record (h.) 5636
C. anguillae, n.sp., in *Anguilla japonica*, in China 5695
C. bagre, n.sp., in *Bagre bagre*, in French Guiana 198
Culex
Oswaldofilaria petersi 175
O. spinosa 175
Reesimermis nielsenii 1135
C. fatigans, *Wuchereria bancrofti* 855, 5656
C. pipiens
Heterorhabditis bacteriophora, & bacteria 4068
Reesimermis nielsenii 974, 4175
C. pipiens fatigans
 filariids 4971
 in Sri Lanka, control programme 3750
Wuchereria bancrofti 1004, 2843, 3698, 3750, 4780, 4967, 5522
C. pipiens molestus, *Taenia saginata* 1426
C. pipiens pallens, in Japan, feeding on dog & man 5817
C. pipiens quinquefasciatus, *Romanomermis culicivora* n.sp. 6203
C. salinarius, *Dirofilaria immitis* 5637
C. territans, *Foleyella flexicauda* 4533
Culicoides lophortygis n.sp., *Splendidofilaria californiensis* 2356
C. multidentatus n.sp., *Splendidofilaria californiensis* 2356
Curimata argentea
Urocleidoides costaricensis 1177
U. curimatae n.sp. 1177
U. trinidadiensis n.sp. 1177
Cutifilaria wenki
 in *Cervus elaphus*, in Germany, distribution of microfilariae in skin 1051
 in *Dama dama*, in Germany, microfilarial distribution 2876
Cyanocitta cristata, *Capillaria contorta* 3444
Cyathocephalus truncatus, in *Salvelinus alpinus*, in North America, new record (g.) 5635
Cyathocotyle prussica
 metacercariae
 in *Gobio gobio*, in USSR (Siberia), morphology 1193
 in *Leuciscus leuciscus*, in USSR (Siberia), morphology 1193
C. skrjabini, in duck, in USSR, morphology 1096
Cyathocotylid cercariae, in *Bithynia ussuriensis*, in USSR (Far East), morphology 1189
Cyathospirura seurati
 redescribed 1216
 validated 1216
Cyathostoma bronchialis
 in *Alopochen aegyptiacus*, in Poland, zoo 5970
 in *Phoenicopterus ruber*, in Poland, zoo 5970
C. lari, in *Larus canus*, in Norway, morphology 5050
Cyathostominae
 morphology of external leaf crowns 5689
 revised, & key to spp. 5697
Cybbium guttatum, *Acanthocolpus liodorus* 5073
Cylicodontophorus euproctus, in donkey, in USSR, new record (h.) 1661
C. ornatum, in donkey, in USSR, new record (h.) 1661
Cylicostephanus skrjabini, n. comb., for *Trichonema skrjabini* 5697
Cyclocoelata, evolution & phylogeny, discussed 1184
Cyclocoelum brasilianum
 in *Gyraulus hirsutus*, experimental 4898
 in *Totanus*, in USA, life-history 4898
C. mutabile, in *Capella hardwickii*, in USSR (Far East), new record (h.) 179
 in *Fulica americana*, life-history, experimental 4894
 in snails, life-history, experimental 4894
Cyclocotylodes pinguis, in *Coryphaenoides*, & *Macrurus acrolepis*, in Bering Sea, redescribed 5664
Cyclodontostomum purvisi
 in *Bandicota indica*, in Thailand 5099
 in *Bandicota savilei*, in Thailand 5099
 in man, in Thailand, new record (h.) 5099
 morphology of genital cone 710
Cyclophyllidea, in *Chrysemys picta*, in USA (South Atlantic), new record (h.) 1104
Cyclopoida, cestode larvae 2001
Cyclops, *Microsomacanthus fausti* 119
C. strenuus
Sobolevicanthus gracilis 4056
Trienophorus nodulosus 4150

- Cyclorchida congolensis*, n.sp., for
Cyclorchida omalancristrota, Mahon,
1954 nec Wedl, 1855 3338
- C. omalancristrota*
Johnston, 1911 nec Wedl, 1855, to
Cyclorchida omalancristrota
australiensis, n.subsp. 3338
Mahon, 1954 nec Wedl, 1855, to
Cyclorchida congolensis, n.sp. 3338
Southwell, 1930 nec Wedl, 1855, to
Cyclorchida omalancristrota zoo,
n.subsp. 3338
- C. omalancristrota australiensis*, n.subsp.,
for *Cyclorchida omalancristrota*,
Johnston, 1911 nec Wedl, 1855 3338
- C. omalancristrota* zoo, n.subsp., for
Cyclorchida omalancristrota, Southwell,
1930 nec Wedl, 1855 3338
- Cyclusteria ibisae*, n.comb., for *Parvitaenia*
ibisae 3338
- C. magna*, n.comb., for *Parvitaenia magna*
3338
- Cygnus olor*
hymenolepidids 3984
Nematoparataenia southwelli 77
Parabisacanthos philactes 77
Retinometra longicirrosa 77
Wardium aequabilis 77
Wardoides nyrocae 77
- Cylicocycylus largocapsulatus*, n.comb., for
Trichonema largocapsulatum 5697
- Cylicocycylus matumurai*, n.comb., for
Trichonema matumurai 5697
- Cylicostephanus bidentatus*, n.comb., for
Trichonema bidentatum 5697
- C. goldi*, n.comb., for *Trichonema goldi*
5697
- C. ornatus*, n.comb., for *Trichonema*
ornatum 5697
- Cylindrotaenia americana*, in *Bufo marinus*,
in Colombia, new record (g. & h.) 6167
- Cynoglossus lida*, *Plagioporus cynoglossi*
n.sp. 5674
- Cypridopsis vidua*, *Sobolevicanthus gracilis*
4056
- Cyprinids**
Dactylogyrus 4569
helminths 3460
Ligula intestinalis 2351
Opisthorchis felineus 2636
- Cyprinotus dentatis*, predation on
Reesimermis nielsenii 1135
- Cyprinus carpio*
Bothriocephalus gowkongensis 1108
Capillaria catenata 2344
Dactylogyrus anchoratus 4569
D. formosus 4569
Diplostomum 1995
Gyrodactylus stankovici n.sp. 1176
helminths 631
- Cypris pubera*, *Sobolevicanthus gracilis*
4056
- Cyprus**
Echinococcus 4846
nematodes
in goat 1680
in sheep 1680
- Cypselurus bachyensis*, *Manteroderma*
skrijabini n.sp. 4583
- Cyrnea apterycis* n.sp., in *Apteryx*, in New
Zealand 2992
- C. (Cyrnea) apterycis*, in *Apteryx*, in New
Zealand 2992
- C. (Cyrnea) eurycerca*, in *Gracula religiosa*
indica, in India, new record (g. & h.)
72
- C. leptopectera*, morphology 3982
- Cyrtonyx montezumae*, *Oxyspirura*
(*Oxyspirura*) *petrowi* 1728
- Cysticercoid* sp., Hrabe, 1957, to
Ramircercus sp. 3854
- Cysticercus**
bibliography 481
in cattle
in Central America, reviewed 668
diagnosis by FAT 2203
haematology, & serology 3098
immunodiagnosis 5963
intra-dermal reaction with *Rhabditis*
axeii antigens 5199
in Poland, incidence 2008
in South America, reviewed 668
in USSR (Kazakhstan), age & seasonal
variation 1038
in USSR (Ukraine), incidence 667
in domestic animals
in Australia, incidence 6379
in USSR (Siberia), control, economic
loss, & incidence 1783
in mammals, in USSR (European),
incidence, & pathology 2952
in man
in Australia, incidence 6379
in Brazil
cardiac involvement 4428
intramedullary localization 1654
case report 1616
diagnosis by double diffusion &
immunoelectrophoresis 4094
diagnosis by FAT 239
diagnosis by HAT & CFT 5716
diagnosis by IT 2534, 3076
in India
localization in eye, & treatment by
surgery 1457
localization in orbit 6008
in Korea, case reports 6020
in Mexico, case report 5999
muscular involvement 6288
pathology of nervous system 2828
in USA, localization in brain 1624
in USSR, control, & epidemiology
2637

Cysticercus *contd.*

- in pig
 - in Africa, general account 5525
 - in Brazil, incidence 5591
 - in Central America, reviewed 668
 - in Europe, general account 5525
 - in India 129
 - in Poland, incidence 2008
 - in South America, reviewed 668
 - in USSR (Ukraine), incidence 667
- in rabbit
 - chemotherapy 1448
 - mebendazole 382
 - tissue reaction 1234
- in sheep
 - in USA (Mountain), incidence 2289
 - in USSR (Siberia), incidence 36
 - in USSR (Uzbekistan), haematology, & local survey 1339

C. bovis

- antigen production 6466
- antigens, in rabbit, effect on heart 1918
- in cattle
 - allergic reaction, & pathology of liver 4154
 - amino acids 1910
 - chemotherapy, discussed 3702
 - control, & epizootiology 2097
 - in Czechoslovakia, incidence 3939
 - development 6466
 - development & host reaction 3636
 - diagnosis 6210
 - distribution in host musculature 5968
 - in East Germany
 - incidence 3940
 - modes of infection 3688
 - immunization 2525, 2532
 - immunology 1258, 3069
 - in Kenya, research programme 4028
 - longevity 6454
 - in Nigeria, incidence, & localization 4455
 - in Poland
 - incidence 3941
 - & epizootiology 1991
 - meat inspection 4373
 - prenatal infection not found 33
 - reviewed 5521
 - serodiagnosis 3563, 3584
 - size variation with age & localization 1199
 - technique for detecting, at post-mortem 5472
 - technique for diagnosing 3595
 - in USA, site distribution, & meat inspection 5577
 - in USSR (European)
 - incidence 5858, 6325
 - local variations 5335
 - in USSR (Siberia), survival in stored carcasses 3660

Cysticercus bovis *contd.*

- in cattle *contd.*
 - in USSR (Ukraine)
 - control 1524
 - diagnosis by LFT 1276
 - in USSR (Uzbekistan), economic loss, & local distribution 1886
 - vaccination 2531
 - vitamin A & C metabolism 1310
 - weight gain 1887
 - early development 5684
 - histochemistry of parenchyma 4772
 - in vitro, temperature & survival 4373
 - in meat, diagnosis 665
 - morphology of hooks 6188
 - procysticercoid 6466
 - & *Taenia saginata*, common antigens 2503
 - ultrastructure of integument 3530
 - in zebu, in Tanzania, age variation, distribution, & incidence 3935
- Cysticercus* "C" Harper, 1930, to *Monocercus* "C" 3854
- Cysticercus cellulosae*
- bibliography 481
 - in dog
 - in Brazil (Central West) 5029
 - in Germany, pathology, & epizootiology 6067
 - in man
 - in India, case report 1636
 - in Ivory Coast, cerebral 3364
 - in Latin America, pathogenicity 5760
 - pathology of muscle, brief account 3334
 - X-ray 23
 - in pig
 - in Latin America, pathogenicity 5760
 - in Peru, economic loss, & incidence 3945
 - in Poland, incidence 3941
 - reviewed 5521
 - serodiagnosis 3056
 - susceptibility & cyst localization 4472
 - in Zaire, incidence 4474
 - & *Sarcocystis miescheriana*, in pig, in Rumania 2395
 - technique for studying, evagination 6308
- C. fasciolaris*
- & cancer, in rat 4032
 - immunology 6221
 - localization of esterases 4756
 - in mouse, histopathology 4490
 - in *Rattus norvegicus*, in Tunisia, local survey 5020
- C. longicollis*, in *Marmota marmota*, in Germany, zoo, unusual localization 6076
- C. ovis*
- in man, in USSR (Uzbekistan), haematology 1339

***Cysticercus ovis* contd.**

- in sheep
- in Australia, vaccination, progress report 3870
- experimental 3926
- pathology 1002
- in ungulates, in USSR (Kazakhstan), incidence 4030

C. pisiformis

- in rabbit
- chemotherapy 1449
- copper sulphate 1447
- general account 5611
- histopathology 255
- immunization 4642
- phenothiazine 1447
- in South Africa, general account 6081
- treatment by vitamin A 3237

C. tenuicollis

- in *Alces alces*, in USSR, pathology 1917
- in pig
- in Bulgaria, incidence 5101
- mineral content & enzyme activity 5771
- in Taiwan, pathology 590
- in sheep
- in Bulgaria, incidence 5101
- histopathology 1929
- hyaluronidase 5305
- mineral content & enzyme activity 5771
- in Norway 6039
- in USA (Mountain), pathology 767
- vitamin A & C metabolism 1312
- in ungulates, in USSR (Kazakhstan), incidence 4030
- in wild ruminants, in USSR (Kazakhstan) 1036

Cystidicola, in *Fundulus diaphanus*, in Canada, new record (h.) 5636

C. farionis, histochemistry & morphology of intestine 6192

C. stigmatura, in *Salvelinus alpinus*, in North America, new record (g.) 5635

Cystobranthus vividus, to *Calliobdella vivida*, n.comb. 4907

Cystocaulus ocreatus

- adherence reaction 3032
- in sheep, in Iran, fenbendazole 6365

Cytology

- Ascaridia dissimilis* 4350
- A. galli* 2773, 4350
- Ascaris lumbricoides* 6471
- A. suum* 6469
- Capillaria hepatica* 5930
- Caryophyllaeus laticeps* 2775
- Diclidophora merlangi* 2767–2768
- Dicrocoelium dendriticum* 2774
- Gastrothylax crumenifer* 470
- helminths 480
- Hirudinea 3325
- Liorchis scotiae* 470

Cytology contd.

- Metastrongylus apri* 3318
- Oswaldocruzia goezi* 3320
- Paragonimus miyazakii* 981
- P. ohirai* 981
- Paramphistomum ichikawai* 470
- Philophthalmus hegeneri* 2156
- Phocanema decipiens* 1831
- Schistosoma mansoni* 2673, 2766, 6473
- Stichorchis subtriquetrus* 470
- Thelazia callipaeda* 714
- Trichinella nelsoni* 4904
- T. pseudospiralis* 5929
- T. spiralis* var. *domestica* 5929
- T. spiralis* var. *nativa* 5929
- T. spiralis* var. *nelsoni* 5929
- Trichuris suis* 2769

Cyzicus*, *Metacercaria* I 119*Czechoslovakia**

- Ancylostoma duodenale* 5564
- ascarids 3793
- Cysticercus bovis* 3939
- Dictyocaulus filaria* 2028, 2686
- Fasciola hepatica* 1598–1599, 4551, 4806
- gastro-intestinal helminths, in sheep 2028
- helminth larvae, in beetles 1140
- helminthology 5493
- helminths
- in *Capreolus capreolus* 777, 3929
- in *Cervus elaphus* 5008
- in *Dama dama* 777
- in deer 5579, 6041
- in fish 1114, 3993
- in freshwater fish 2931
- in moufflon 576
- in *Ovis ammon musimon* 3929
- in *Rupicapra rupicapra* 2870
- in *Sus scrofa* 5456

Hirudinea 1114

***Hymenolepis erinacei* 5638**

nematodes

- in amphibians 4620
- in moufflon 6409
- in sheep 2686
- Nematodirus roscidus* 1672
- Paraquimperia tenerrima* 4341
- Syngamus trachea* 5418
- Taenia saginata* 3912
- Thelandros tba* 629
- trematodes, in amphibians 4521
- Trichinella spiralis* 2805

Dactylogyus

- in carp, in Poland, trichlorphon 2683
- in cyprinids, in Spain, new record (g.) 4569
- in fish, in Hungary, control 88
- in freshwater fish, in Yugoslavia, new records (h.) 1176
- in goldfish, in fish farms, trichlorphon 1477

***Dactylogyrus* contd.**

- in minnow, in fish farms, trichlorphon 1477
- D. anchoratus***
in *Carassius carassius*, morphology 4569
in carp, in USSR (Kazakhstan), in fish farms 2913
in *Cyprinus carpio*, morphology 4569
- D. apos***, in *Hypentelium nigricans*, in Canada, new record (g.) 679
- D. arcus***, synonym of *Dactylogyrus dubius* 679
- D. aristichthys***, in *Aristichthys nobilis*, pathogenicity 4722
- D. attenuatus***, in *Semotilus atromaculatus*, in Canada, new record (g.) 679
- D. bychowskyi***, in *Pimephales*, in Canada, new record (g.) 679
- D. cernyi***, n.sp., in *Nocomis micropogon*, in Canada 679
- D. chrosomi***, n.sp., in *Phoxinus eos*, in Canada 679
- D. dubius***, in *Notropis cornutus*, in Canada, redescribed, & synonymy 679
- D. elegantis***, in *Chondrostoma polylepis polylepis*, morphology 4569
- D. eos***, n.sp., in *Phoxinus eos*, in Canada 679
- D. erhardovae***, n.sp., in *Rutilus rubilio*, in Yugoslavia 1176
- D. extensus***
in *Carassius carassius*, morphology 4569
in carp
in Japan, outbreak, & morphology 5633
in USSR (Kazakhstan), in fish farms 2913
white blood cell changes 6276
in freshwater fish, in USSR 2345
- D. formosus***
in *Carassius carassius*, morphology 4569
in *Cyprinus carpio*, morphology 4569
- D. hankinsoni***, n.sp., in *Hybognathus hankinsoni*, in Canada 679
- D. heterolepis***, n.sp., in *Notropis heterolepis*, in Canada 679
- D. hypophthalmichthys***, in *Hypophthalmichthys molitrix*, in USSR (Far East), control, development, & seasonal variation 1752
- D. inexpectatus***, in *Carassius carassius*, morphology 4569
- D. intestinalis***, Allamuratov, 1966, in *Capoetobrama kuschakewitschi*, in USSR (Uzbekistan) 4912
- D. ivanovici***, n.sp., in *Pachychilon pictum*, in Yugoslavia 1176
- D. lachneri***, in *Nocomis micropogon*, in Canada, new record (g. & h.) 679
- D. lamellatus***
in carp, in USSR (Kazakhstan), in fish farms 2913

***Dactylogyrus lamellatus* contd.**

- in *Ctenopharyngodon idella*, pathogenicity 4722
- D. luxili***, in *Notropis cornutus*, in Canada, new record (g. & h.) 679
- D. martinovici***, n.sp., in *Pachychilon pictum*, in Yugoslavia 1176
- D. microphallus***, in *Semotilus atromaculatus*, in Canada, new record (g.) 679
- D. micropogoni***, n.sp., in *Nocomis micropogon*, in Canada 679
- D. pamirensis***, n.sp., in *Schizopygopsis stoliczkai*, in USSR (Kirgizia) 2396
- D. petkovici***, n.sp., in *Pachychilon pictum*, in Yugoslavia 1176
- D. reciprocus***, in *Nocomis micropogon*, in Canada, new record (g.) 680
- D. rosickyi***, n.sp., in *Pachychilon pictum*, in Yugoslavia 1176
- D. rubellus***, in *Notropis rubellus*, in Canada, new record (g.) 680
- D. rysavyi***, n.sp., in *Alburnoides bipunctatus*, in Yugoslavia 1176
- D. sekulovici***, n.sp., in *Pachychilon pictum*, in Yugoslavia 1176
- D. vastator***, in *Carassius carassius*, morphology 4569
- D. vistulae***
in *Chondrostoma polylepis polylepis*, morphology 4569
in *Leuciscus cephalus cabea*, morphology 4569
- Dactyloptena orientalis***, *Anisoporus orientalis* n.sp. 5674
- Dahomey**
dicrococeliids 645
Hymenolepis gilloni 645
- Dama dama***
bithionol sulphoxide 4805
Cutifilaria wenki 2876
helminths 777
- Damaliscus dorcas phillipsi***, helminths 3942
- Daphnia***, *Echinuria uncinata* 5970
- Dasyatis americana***, *Parachristianella monomegacantha* 4592
- D. lata***
Parachristianella monomegacantha 5141
Prochristianella micracantha n.sp. 5141
Pterobothrium hawaiiensis n.sp. 5141
- D. sabina***
Prochristianella tenuispine 4523
Uncibilocularis trygonis 4523
- Dasyrhynchus giganteus***, in *Carcharhinus limbatus*, & *Carcharhinus amblyrhynchus*, in Hawaii, new record (g. & h.) 5141
- D. variouncinatum***, in *Carcharhinus leucas*, in USA (West South Central), new record (h.) 4523
- Daubneyia***, invalid 3011

- Davainea hewetensis*, n.sp., in *Gallus gallus*, in India 6183
- Davainea* sp. I, in *Anisogammarus*, in USSR (Far East), new record (h.) 119
- Davaineata*, histology 5150
- Davaineidea*, n.ordo 2200
- Dawes, Ben, obituary 3845
- DD-136**
 & *Achromobacter*, in insects, symbiosis 1144
 in *Chilo suppressalis*, biological control agent 6141
- Decapods**, *Ascarophis* 4015
- Decapterus pinnulatus*, *Rhadinorhynchus decapteri* n.sp. 3533
- D. punctatissimus*, *Gastrocotyle mozambiquensis* n.sp. 6160
- Decrusia additicta*, arrangement of somatic muscle cells 5692
- Deer**
Dictyocaulus 5517
 filariids 2876
 helminths 3938, 5579, 5583, 6041, 6491
 liver-fluke 3932
Parafasciolopsis fasciolaemorpha 1902
- Deladenus*, in woodwasps, technique for identifying by cross-breeding 2989
- D. canii*, n.sp., in *Sirex cyaneus*, in Canada 178
- D. imperialis*, n.sp., in *Sirex imperialis*, in Pakistan 178
- D. ipini*, n.sp., in *Dendroctonus frontalis*, & *Ips calligraphus*, in USA 2187
- D. nevexii*, n.sp., in *Xeris spectrum*, in USA (West North Central) 178
- D. paradurus*, n.sp., in *Dendroctonus adjunctus*, in USA 2187
- D. proximus*, n.sp., in *Sirex nigricornis*, in USA (South Atlantic) 178
- D. rudyi*, n.sp., in *Sirex cyaneus*, in Turkey 178
- Delafondia*, larvae, technique for culturing 4333
- Deletocephalus dimidiatus*, morphology of cordons 1210
- Delphinapterus leucas*, *Stenurus arctomarinus* 1206
- Dendritobilharzia anatinarum*, in *Fulica atra*, in USSR (Tadzhikistan), new record (h.) 1723
- D. pulverulenta*
 cercariae
 in *Anisus vortex*, in Poland, morphology 5126
 in *Planorbis planorbis*, in Poland, morphology 5126
 in duck, experimental 5126
- Dendroctonus adjunctus*
Bursaphelenchus bestiolus n.sp. 2189
Cephaloboides rotundus n.sp. 2183
Deladenus paradurus n.sp. 2187
Diplogasteroides dimidius n.sp. 2191
- Dendroctonus adjunctus* contd.
Dotyaphus lonchites n.sp. 2188
Neoditylenchus ovariis n.sp. 2187
- D. brevicomis*, *Neoditylenchus glandarius* n.sp. 2186
- D. frontalis*
Anguillonema annamari n.sp. 2188
Deladenus ipini n.sp. 2187
Neoditylenchus dendroctoni n.sp. 2186
Rhabdontolaimus adaphagus n.sp. 2185
R. frontalis n.sp. 2185
Robleus cylindricus n.g., n.sp. 2180
- D. ponderosae*, *Ektaphelenchus josephi* n.sp. 2190
- D. pseudotsugae*
Contortylenchus reversus 790, 2382
Parasitaphelenchus beccus n.sp. 2183
- D. rufipennis*
Acrostichus gubernatus n.sp. 2184
Diplogasteroides bibrochus n.sp. 2191
- D. terebrans*
Bursaphelenchus tritunculus n.sp. 2189
Contortylenchus terebrans n.sp. 2183
Dirhabdilaumus nacogdochensis n.sp. 2191
- Dotyaphus lonchites* n.sp. 2188
- Ektaphelenchus terebrans* n.sp. 2190
- Neodiplogaster magulum* n.sp. 2185
- Nothotylenchus petilus* n.sp. 2188
- Parasitorhabditis terebrans* n.sp. 2184
- Seinura attenuata* n.sp. 2191
- D. valens*, *Teragramia willi* n.g., n.sp. 2180
- Dendromermis markevitschi*, n.g., n.sp., in USSR (Ukraine) 202
- Dendroterina arcana*, n.sp., for *Lateriporus mahdiaensis*, Macko, 1960 nec Joyeux, 1923 3338
- D. ixobrychi*, n.sp., in *Ixobrychus minutus*, in France 3338
- D. junonia*, n.sp., in Ardeidae, in Madagascar 3338
- Denmark**
Ascaris suum 6402
Dicrocoelium dendriticum 3919
 helminths, in *Nyctalus noctula* 5618
 hydatid 3355
Onchocerca gutturosa 1046
 strongylids 2643
- Dermestes**
Choanotaenia infundibulum 4002
Skrjabinia cesticillus 4002
- D. ater*
Choanotaenia infundibulum 4003
Skrjabinia cesticillus 4003
- D. lardarius*, *Trichinella spiralis* 2948
- Deroceras reticulatus*, *Muellerius* 1776
- Derogenes macrostoma*, in *Macruronus novaezelandiae*, in New Zealand, new record (g.) 94
- D. varicus*
 redescribed 5671

***Derogenes varicus* contd.**

in *Sagitta bipunctata*, in South Atlantic
5090

in *Sepia officinalis*, morphology 5091

Deropristis*, cercariae, chaetotaxy 144*Development (see also Embryology; Life-history)**

Actinocleidus oculatus 4037

A. recurvatus 4037

Allopodocotyle lepomis, larvae 154

alveolar hydatid 464

Ancylostoma braziliense 966

A. ceylanicum 966

A. tubaeforme, larvae & ova 2613

Angiostrongylus cantonensis 1716, 5927,
6136

A. vasorum 6136

Anguillicola 98

anisakids 5770

Anisakis marina 5770

Anomotaenia constricta 2429

Ascaris lumbricoides 3183

A. suum 3183

ova 5971

Brugia malayi 5042

Bunodera luciopercae 2912

Caenorhabditis elegans 4902

Calceostoma calceostoma 3515

Calceostomella inermis 3515

Calicophoron calicophorum 304

Callorhynchicola, multitesticulatus 963

Cercaria Levantina 9 2972

Cercaria Levantina 10 2972

Cercaria Levantina 11 2972

Cercaria Levantina 12 2972

Cercaria Levantina 13 2972

Contracaecum osculatum 5770

Cotylophoron cotylophorum 304

Cryptocotyle lingua, cercariae 6177

Cysticercus bovis 3636, 5684, 6466

Dicrocoelium dendriticum 2755

Dicrumenia bychowskyi 3515

Dictyocaulus filaria 2147, 4899

D. viviparus 5329

larvae 5965

Digamma interrupta 2753

Dirofilaria immitis 61

Echinochasmus corvus 1806

Echinococcus granulosus 459, 4486,
6079

E. multilocularis 821, 6079

Echinuria uncinata 5970

Erpobdella octoculata 1579

Fasciola gigantica 1129

F. hepatica 1129, 2144–2145, 2399,
3500, 5965

parthenitae 978

Gastromermis boophthorae 6132
larvae 1567

Gastrotaenia dogieli 6463

Haemonchus contortus 2540

Haplometra brevicocca 149

Development contd.

Hirudinea 5933

hydatid 5923

Hymenolepis 2530

H. diminuta 2606

cysticercoids 466

H. microstoma 3313, 5142

H. nana 4351

H. nana var. *fraterna* 3494

Lobatostoma manteri 3312

Marshallagia 423

Moniezia autumnalis 1762

M. expansa, cysticercoids 4591

Moniliformis dubius 801, 5685

monogeneans 963

Multiceps endotheracicus 5147

Necator 831

nematodes 5768

Nematospiroides dubius 3656

Opisthorchis felinus 3311

Orientobilharzia turkestanicum 2143

Ostertagia circumcincta, larvae 1985

O. ostertagi 867

Oswaldofilaria belemensis 175

O. petersi 175

O. spinosa 175

Paragonimus peruvianus 1984

Phocanema decipiens 5770

Plagiorchiata 2754

Sacciuiterina stellifera 5924

Schistosoma mansoni 817, 1145, 1195

Setaria cervi 976

Seuratum cadarachense 975

Stephanofilaria kaeli 965

Strongyloides, ova 822

Strongylus 2194

Stunkardia dilymphosa 5131

Subulura brumpti 456

Syngamus trachea 1566

Taenia pisiformis 2580, 3430

T. taeniaeformis 5020

Trichinella 3086–3087

T. spiralis 4347, 4766

Trichonema 2194

Trichuris 3534

Diagnosis

alveolar hydatid 3594

Ancylostoma duodenale 4424

Angiostrongylus cantonensis 5282

Anisakis 562, 717, 5735

Ascaridia 5983

ascarids 3182

Ascaris 534–535, 1014, 2136, 5538,
5563, 5964, 6278

A. suum 214

Avitellina 1683

Clonorchis sinensis 2859

Coenurus 1684

Cotylophoron cotylophorum 954

cutaneous larva migrans 2233

Cysticercus 239, 2534, 3076, 4094, 5963

C. bovis 3595, 5472, 6210

Diagnosis contd.

- Cysticercus* contd.
C. cellulosae 23
Dictyocaulus filaria 231, 723, 6240
Dipetalonema reconditum 5598, 6443
Diplostomum 3999
Dirofilaria immitis 2052, 3958, 3964, 5027, 5598, 6443
Enterobius 5969
E. vermicularis 1644, 5537
Fasciola 267, 1012, 2217, 3106, 5699, 6449
F. hepatica 219, 954, 1241, 3821, 5970
 filariids 1239, 2822, 4330
Filaroides osleri 2034
 helminths 960, 2472, 3301, 4874
 in animals 4886
 in birds 1730
 in carnivores 3304
 in cattle 1670, 5573
 in dog 3963
 in domestic animals 4915, 5919
 in equines 4976
 in fowl 66
 in horse 573
 in man 238, 2740, 3344, 3808, 3917, 4124, 4334, 4719, 4878, 4880, 5194, 5339, 5562, 5963, 5969
 in pig 1693, 5963, 6051
 in reptiles 4520
 in *Zalophus californianus* 274
 hydatid 215, 226, 233, 272, 511, 515, 566, 719, 721, 729, 764, 1255, 1288, 1642, 2225, 2254, 2454, 2459, 2507, 2523, 2823, 3097, 3111, 3581, 3594, 4399, 4436, 4445, 4670, 4947, 4955, 5200
 in sheep 4671
 intestinal parasites, in man 5976
 lungworms 4984
Metastrongylus 2302
 microfilariæ 3819
Moniezia 5917
Necator 5461
N. americanus 4424
 nematodes, in man 4710
Onchocerca 579, 2842
O. volvulus 26, 774, 2749, 3826, 4331
Opisthorchis felineus 2859
O. viverrini 2859
Ostertagia 2569
O. ostertagi 4990
Parafilaroides decorus 1082
Paragonimus 1637, 2175, 2246, 4422, 6219
P. uterobilateralis 4448
 parasites
 in man 2178, 2252, 3195, 3856, 4359, 5460, 5916
 in zoo ungulates 4859
 protostrongylids 452, 1044, 4374

Diagnosis contd.

- Schistosoma* 209, 220, 722, 1240, 2248, 2835-2836, 2861, 3017, 3141, 3305, 3819, 4422, 4643
S. haematobium 8, 1560, 2119, 2567, 3092, 3383, 4394, 4441
S. japonicum 228, 745, 3081, 4661, 4941
S. mansoni 222, 236, 1274, 1552, 4394, 4402, 4884-4885, 6232, 6236
 strongylids 4990
Strongyloides 5461
S. stercoralis 7, 762, 1629, 2741, 3881
Strongylus vulgaris 6030
Taenia saginata 951, 3356, 3608, 3909, 4090
Toxocara canis 214, 3403
Trichinella 990, 2793, 3027, 3390, 3595, 5967, 6211
T. spiralis 1236, 1264, 2476, 2743, 3090, 3094, 3536, 3562, 3950, 4078, 4417, 4913, 5918, 5961, 5963
Trichuris 5964
T. suis 1323
 visceral larva migrans 2233, 3065
Wuchereria bancrofti 5463
Diagnosis, serological
Angiostrongylus cantonensis 1878, 3034, 6216
 ascarids 5703
Ascaris 3018, 5247
Bunostomum trigonocephalum 4687-4688
 cestode larvae 5519
Clonorchis 2467, 3035
C. sinensis 2453
Cysticercus 2203, 5716
C. bovis 1276, 3563, 3584
C. cellulosae 3056
Dirofilaria immitis 5704
Fasciola 3019, 4129, 5202
F. gigantica 4689
F. hepatica 1850, 5206, 6262
 filariids 1859, 1869, 4077
 helminths 1846, 5189, 5198, 6224, 6263
 in man 1228, 1855, 2518, 3548, 3552, 3556, 4119, 4640, 5914, 5916
 hydatid 1285, 1843, 1852, 2499-2500, 2518, 3043, 3050-3051, 3112-3113, 3548, 3553, 4082, 4108, 5220, 5224, 5239, 5245, 5717
Hymenolepis nana 1845, 6231
Multiceps multiceps 3110
Onchocerca 2513
O. volvulus 3578
Ostertagia circumcincta 2570
Paragonimus 2490, 2495, 5702, 6241-6242
Schistosoma 1852, 1859, 2473, 3553, 3558, 3589
S. haematobium 3588
S. japonicum 4639, 5740
S. mansoni 1270, 1847, 3588, 4109, 6258

Diagnosis, serological contd.

- Taenia hydatigena* 3566
T. saginata 2515, 3018, 3584
T. solium 3566
Toxocara 5247, 5737
T. canis 5719, 6255
Trichinella 1279–1280, 1842, 1852, 1868,
 1873, 2786, 3022, 3060, 3599, 4111,
 6261
T. spiralis 1872, 2520, 3054–3055, 3058,
 3091, 3569, 4630, 4678, 6239
 visceral larva migrans 2516, 4680, 5703,
 5737
Wuchereria bancrofti 4439, 5203, 5237,
 5704

Diaptomus denticornis

- Diorchis tuvensis* 659
Echinocotyle ryjkovi 659

D. graciloides

- Diorchis danutae* 659
D. tuvensis 659
Sobolevicanthus fragilis 659

***D. salinus*, *Gastrotaenia dogieli* 4232**

- Diaschistorchis kachugai*, n.sp., in *Kachuga*
tectum tentoria, in India 5134

- D. singhi*, n.sp., in *Kachuga tectum tentoria*,
 in India 5134

***Diatraea saccharalis*, *Neoaplectana*
carpocapsae 3487**

- Dibothrium tortum*, to *Anantrum tortum*,
 n.g., n.comb. 4598

Dicentrarchus labrax

- Diplectanum aequans* 5798
D. laubieri 5798

- Dichelyne (Dichelyne) spinicaudatus*, n.sp.,**
 in *Centropomus undecimalis*, &
Plagioscion auratus, in French Guiana
 198

- D. longispiculata*, n.sp., in *Miichthys miiuy*,**
 & *Clupanodon punctatus*, in China
 5695

- D. spinicaudatus*, n.sp., in *Centropomus***
undecimalis, & *Plagioscion auratus*, in
 French Guiana 198

***Diclidophora denticulata*, ova, hatching &
light 2629**

- D. luscae*, ova, hatching & light 2629**

D. merlangi

- bacteria & mycoplasma-like organisms in
 gut caeca & gland cells 676
 chemical composition 1354
 haematin cell shedding & renewal 2767
 ova, hatching & light 2629
 spermatogenesis 2768, 4348

- Dicrocoelium dendriticum*, in ruminants, in**
 Iran, technique for detecting 952

- Dicrocoeliid metacercariae*, in *Oxydesmus***
granulosus, in Dahomey 645

***Dicrocoelium* (see also Liver-fluke)**

- in animals, transmission, discussed 1400
 in ants, in USSR (Kazakhstan),
 distribution & incidence 1403

Dicrocoelium contd.

- in cattle
 incidence forecast 1391
 in USSR
 economic loss 3248
 hexachloroparaxylylene 3248
 in USSR (European), economic loss
 1924

- in goat, experimental infection 588

in guinea-pig

- blood chemistry 1316
 haematology & weight loss 1315
 pathology 1302

in man, in Iran 501

- in molluscs, in USSR (Kazakhstan),
 distribution & incidence 1403

in rabbit

- blood chemistry 1316
 haematology & weight loss 1315

in sheep

- blood picture & symptoms 795
 chemotherapy 2085

diazinon 1516

- hexachloroparaxylylene 932

histopathology 772**incidence forecast 1391****pathology 773, 3115**

- phenothiazine & neuromuscular
 function 5416

in USSR

- chemotherapy 1436
 control 933
 economic loss 3248
 hexachloroparaxylylene 3248

in USSR (European)

- control 2110

economic loss 1924

- in USSR (Georgia), age & seasonal
 variation 4457

- in USSR (Uzbekistan), chemotherapy
 2049, 5836

D. dendriticum**in animals****in Turkey**

- Hetolin 377
 thiabendazole 377

in ants

- development & temperature 5655
 in France, host population dynamics
 5077

- in USSR (Azerbaïdzhan), mode of
 infection 3684

- in USSR (Uzbekistan), epizootiology
 1419

- in camel, in USSR (Uzbekistan), incidence
 5570

- carboesterase & leucine aminopeptidase
 activities 1963

- in *Castor fiber*, in USSR (European)
 2386

in cattle

- egg output 5787

Dicrocoelium dendriticum *contd.*

- in cattle *contd.*
 - experimental 1163
 - in Switzerland, distribution, & incidence 577
 - in USSR (European), intermediaries 111
 - control of intermediary 1494
 - in donkey, experimental 1163
- & *Entomophthora ovispora*, in *Formica pratensis*, similarities in effect on host behaviour 6133
- in *Formica*
 - development 2755
 - life-history 5650
 - in USSR (Uzbekistan)
 - incidence, & seasonal variation 1143, 1420
 - seasonal variation 1406
- glycogen metabolism 1961
- in goat
 - experimental 1163
 - & sheep, morphology, compared 1812
- in guinea-pig, egg output 5787
- haem protein 809
- in *Helicopsis instabilis*, cercarial shedding & temperature 4212
- in horse, in Denmark, exotic infection 3919
- in *Lepus brachyurus*, in Japan, incidence, & pathology 2568
- in man
 - corrigendum 2849
 - localization in bile-duct 2222
- in molluscs
 - development & temperature 5655
 - in USSR (Uzbekistan), seasonal variation 1406
- ova, hatching mechanism 3655
- in pig, egg output 5787
- in rabbit
 - egg output 5787
 - experimental 1163
- in ruminants, in Iran, incidence 501
- in sheep
 - development 2755
 - in East Germany, local survey 2879
 - egg output 5787
 - experimental 1163
 - fenbendazole 1452
 - in France, seasonal variations in
 - numbers of intermediary 5077
 - rate of egg production 4922
 - in Switzerland, epizootiology 6350
 - in USSR (Uzbekistan), control of intermediaries 3283
 - in Yugoslavia, bithionol sulphoxide 5414
- technique for counting, chromosomes 2774

D. hospes

- bibliography 478

Dicrocoelium hospes *contd.*

- life-history, & morphology 5121

Dicroglossus occipitalis, *Ganeo africana* 142**Dicrumentia bychowskyi**, development, & systematics 3515**Dictyocaulus**

- & bacteria, in cattle 1174
- in *Capra caucasica cylindricornis*, in USSR (Azerbaïdzhan), new record (h.) 6032
- in cattle
 - in Argentina, levamisole 890
 - haematology 1920
 - in USSR
 - Iodinol 869
 - tetramisole hydrochloride 3247
 - in USSR (Belorussia), incidence 2284
 - in USSR (Lithuania), control, & incidence, reviewed 1440
 - in USSR (Siberia)
 - incidence 2089
 - iodine 2089
 - in USSR (Ukraine)
 - chemotherapy 1525
 - seasonal variation, & control 6341
- in deer, in Britain 5517
- in goat, haematology 5248
- larvae, technique for recovering, from pasture 2745
- in sheep
 - eosinopenic reaction 1881
 - haematology 5248
 - immunology 3048
 - in Poland, chemotherapy 376, 2115
 - tetramisole 415
 - in USSR
 - cyacetazide 4801
 - Iodinol 869
- in USSR (European)
 - chemotherapy 5381
 - cyacetazide 5445
 - cyacetazide plus diethylcarbamazine 378
 - diethylcarbamazine & diethylcarbamazine citrate 5395
 - intensive farming & tetramisole hydrochloride 5913
- in USSR (Far East), incidence of infective larvae in pens 3679
- in USSR (Lithuania), control, & incidence, reviewed 1440
- in USSR (Ukraine), chemotherapy 1525

D. filaria

- anthelmintics, mode of action 2712
- & *Dictyocaulus viviparus*, antigens, compared 3025
- in guinea-pig
 - diagnosis by IT 6240
 - γ-globulin 2465

***Dictyocaulus filaria* contd.**

- in guinea-pig *contd.*
 - immunization with *Rhabditis axei* 6226
 - immunogenicity of *Rhabditis axei* 5199
 - mast cell degranulation 6227
 - resistance to superinfection 1284
- larvae, *in vitro*, development 4899
- macrophage adhesion reaction 1844
- in rat, development 2147
- in sheep
 - chemotherapy & immunity 3271
 - in Czechoslovakia
 - fenbendazole 2686
 - mebendazole 2028
 - diagnosis by FAT 723
 - diagnosis by IT 6240
 - diagnosis by serological & faecal tests, compared 231
 - host breed & prepatent period 5476
 - host metabolic rate 6277
 - immunization 4651
 - immunization with *Rhabditis axei* 6226
 - immunogenicity of *Rhabditis axei* 5199
 - in India, chemotherapy 5415
 - in Iran, fenbendazole 6365
 - mast cell degranulation 6227
 - in Mexico, cambendazole 3707
 - resistance to superinfection 1284
- technique for determining, water pollution 2621
- ultrastructure of integument & intestine 1838

D. viviparus

- in cattle
 - in Britain
 - acute respiratory distress 754
 - pathology 4134
 - in Canada, seasonal variation 843
 - chemotherapy 2069
 - control
 - & epizootiology 4998
 - reviewed 5814
 - in Cuba, clinical occurrence 4208
 - development & temperature 5329
 - experimental 5576
 - histopathology 1295
 - immunization with *Dictyocaulus filaria* larvae 242
 - immunization using *Ascaris suum* ova 5971
 - in Japan, reviewed 1005
 - in Switzerland, vaccination 3198
 - in Tanzania 1679
 - in USSR, chemotherapy 6368
 - in USSR (Siberia)
 - age & seasonal variation 3419
 - climate & fecundity 1957

***Dictyocaulus viviparus* contd.**

- in *Cervus canadensis*
 - in New Zealand 4997
 - in USA (Mountain), local survey 1037
 - & *Dictyocaulus filaria*, antigens, compared 3025
 - & fog fever
 - in cattle
 - in Britain
 - reviewed 4697
 - (thesis) 5503
 - larvae
 - development 5965
 - in faeces, technique for recovering 961
 - in vitro*
 - growth & potassium chloride 1968
 - migration 2625
 - on pasture, in Cuba, survival 4208
 - in soil, in Cuba, survival 4208
 - survival & temperature 1953
 - in USSR (Siberia), overwintering 3672
 - larvae & ova, freezing & survival 5965
 - scanning electron microscopy 5170
- Didelphis azarae azarae*, *Rhopalia goyanna* n.sp. 5127**
- D. marsupialis***
- Brachylaima virginianum* 2322
 - Capillaria aerophila* 2322
 - Cruzia americana* 2322
 - Didelphostrongylus hayesi* n.g., n.sp. 6202
 - Perostrongylus* 2322
 - Physaloptera turgida* 2322
- D. virginiana***
- Anatrichosoma buccalis* 1719
 - helminths 2509
- Didelphostrongylus hayesi***
- n.g., n.sp., in *Didelphis marsupialis*, in USA (South Atlantic), life-history 6202
 - in *Mesodon perigraptus*, development 6202
 - in *Triodopsis albolabris*, development 6202
- Didymozoidae**, systematics, discussed 3526
- Didymozoon***, in man, spurious infection 1612
- D. apharyngi***, in *Sphyræna tessera*, in Red Sea, morphology, & synonymy 4581
- D. tetragynae***, synonym of *Didymozoon apharyngi* 4581
- Dientamoeba fragilis***, in *Enterobius vermicularis*, ova, detection & transmission 6154
- Digenean larvae**
- in *Biomphalaria orbigny* n.sp., in Argentina 2943
 - in *Melania scabra*, in India, sporocysts producing miracidia 2758
 - in *Melania tuberculata*, in India, sporocysts producing miracidia 2758
 - in *Meretrix* 6130

Digeneans

- in Anura, in Cameroon, local survey, & new records (h.) 5669
- in birds, in Taiwan, new records (h.) 4575
- in cephalopods, listed, & life-cycles 5091
- cytochemistry of gastrodermis, reviewed 3644
- in fish, in Antarctica, & South Atlantic, check list, & new taxa 5670
- in *Hippoglossoides platessoides*, in Canada, local survey 1748
- histochemistry 2620
- histochemistry & function of protonephridial system 805
- histochemistry of reproductive tissues 6310
- in man
 - epidemiology 3401
 - mollusc intermediaries, listed 1125
- in marine fish, in USA (South Atlantic), survey, & new records (h.) 5676
- in *Potamopyrgus antipodarum*, in New Zealand, incidence, & parasitic castration 5752
- in reptiles, in Rumania, incidence, morphology, & new records (g.) 6096
- in rodents, in Malaysia, survey 4488
- taxonomic relationships between larval & adult forms 5477
- in *Tupaia*, in Malaysia, survey 4488
- in vertebrates
 - in India 2416
 - life-histories reviewed & morphology of larvae 1601
- Digramma**, in freshwater fish, in USSR, biological control 863
- D. interrupta**
 - in *Abramis brama*, in USSR (Siberia), control, & incidence 4527
 - in birds, development of damaged plerocercoids 2753
 - in bream, in USSR (European) 6397
 - & *Myxobolus carassii*, in *Carassius auratus*, in USSR, synergism 675
- Dila bucharica**, *Hadjelia truncata* 1761
- Dilepididae**, in Ciconiiformes, host specificity 1722
- Dilepididea**, n.ordo 2200
- Dilepis**, in *Fundulus diaphanus*, in Canada, new record (h.) 5636
- D. brachyarthra**
 - in *Corvus frugilegus*, new record (h.), redescribed, & validated 2428
 - in *Pica pica*, new record (h.), redescribed, & validated 2428
- D. lidiae**, to *Birovilepis lidiae*, n.comb. 2434
- D. sobolevi**, to *Birovilepis sobolevi*, n.comb. 2434
- D. spasskayae**, to *Birovilepis spasskayae*, n.g., n.comb. 2434

Dilepis contd.

- D. unilateralis**, cysticerci, in *Silurus*, in USSR (European), new record (h.) 1118
- Dinurus barbatus**, redescribed 5671
- Diocetophyme**, in man, general account 4449
- D. renale**
 - in dog, in Brazil (North East) 3436
 - in *Mustela vison*
 - in Canada, life-history 5925
 - pathology of kidney 5753
- Diodon maculifer**, *Heterolebes diodonti* n.sp. 4582
- Dioecocestus fevita**, non-specific esterase activity in body-wall 1359
- Dionchus remorae**, in *Chorinemus lysan*, in India, new record (g.) 3517
- Diorchis**, bibliography 477
- D. acuminata**, validated 2984
- D. brevis**, in *Fulica atra*, distribution in intestine 3676
- D. danutae**
 - in *Diaptomus graciloides*, in USSR (Siberia), new record (h.) 659
 - in *Paradiaptomus asiaticus*, in USSR (Siberia), new record (h.) 659
- D. diorchis**, in *Anas penelope*, in Iceland, validated 2427
- D. inflata**, in *Fulica atra*, distribution in intestine 3676
- D. longibursata**, synonym of *Diorchis ransomi* 2984
- D. ransomi**
 - in *Fulica atra*, distribution in intestine 3676
 - synonymy 2984
- D. tuvensis**
 - in *Diaptomus denticornis*, in USSR (Siberia), new record (h.) 659
 - in *Diaptomus graciloides*, in USSR (Siberia), new record (h.) 659
- Dipetalonema**, in dog, in Ireland, new record (g.) 2888
- D. dessetae**, & *Dipetalonema wite*, antigens compared by FATI 1851
- D. dracunculoides**, in dog, in Algeria, technique for recovering microfilariae 2135
- D. grassii**, in dog, in India, morphology, & new record (g.) 1828
- D. perstans**
 - in man
 - in Venezuela 4940
 - in Zaire, chemotherapy 2088
 - technique for recovering, from blood, by cytocentrifuge 4332
- D. reconditum**
 - & *Dirofilaria immitis* microfilariae, technique for differentiating 6443

- Dipetalonema reconditum* contd.
 & *Dirofilaria immitis* contd.
 technique for diagnosing, compared 5598
- in dog
 in Australia 6063
 in Brazil (North East), morphology 3434
 in USA (East North Central), incidence 5598
 in USA (North Atlantic), survey 1067
- microfilariae, in dog, technique for detecting 6443
- in *Rhipicephalus sanguineus*, in Brazil (North East), morphology 3434
- D. streptocerca*, & *Onchocerca volvulus*, in man, technique for differentiating 4331
- D. vitae* (see *Dipetalonema wite*)
- D. viteae* (see *Dipetalonema wite*)
- D. wite*
 antigen fractionation 2510
 antigen/antibody reaction localization 3557
 & *Dipetalonema dessetae*, antigens compared by FATI 1851
- in hamster
 acquired resistance 5721
 amyloidosis 4139
- in *Meriones unguiculatus*, oral transmission 4345
- in *Ornithodoros tartakovskyi*, cryopreservation 1956
- in rat, in Egypt, new record (g. & h.) 6074
- stibophen, mode of action 2723
- D. witei* (see *Dipetalonema wite*)
- Diptherostomum bruninae*, cercariae, chaetotaxy 144
- Diptherostomum albulae*, n.sp., in *Albula vulpes*, in USA (South Atlantic) 5677
- Diphylleidae, n.ordo 2200
- Diphyllbothriid larvae, in marine fish, in Peru, new record (g.) 2928
- Diphyllbothrium*
 functional morphology of scolex 4589
- in man
 epidemiology, discussed 1996
 in Korea, case report 6009
 in USSR, survey 4964
 in USSR (Siberia), local survey 12
- morphology, & taxonomy, reviewed 2172
- ova, in sewage, retention in soil 2105
- particles in excretory ducts 4562
- scanning electron microscopy 5155
- in USSR (Lithuania), local survey 1160
- D. dendriticum*
 histology & morphology of scolex 695
- oncospheres, taxonomic significance of embryonic hooks 1201
- in *Oreoleuciscus potanini*, & salmonids, in USSR, capsule structure, compared 778
- Diphyllbothrium dendriticum* contd.
 ultrastructure 160
- D. ditremum*
 & *Diphyllbothrium vogeli*, life-history & morphology, compared, & validated 1200
- in *Gavia arctica*, population dynamics 4774
- histology & morphology of scolex 695
- oncospheres, taxonomic significance of embryonic hooks 1201
- in *Salvelinus alpinus*, population dynamics 4774
- ultrastructure 160
- D. erinacei*, general account 5110
- D. latum*
 histology & morphology of scolex 695
- in man
 in Japan, anomalous specimen 696
- in Korea, case report 5993
- niclosamide, mode of action 5383
- in USSR, morphological variation 697
- in USSR (Estonia), role of sewage 1428
- in *Oncorhynchus masou*, in Japan, incidence 1750
- oncospheres, taxonomic significance of embryonic hooks 1201
- plerocercoids
 histochemistry 1366
 physiology 1366
- scanning electron microscopy 5155
- D. mansoni*, in man, in Laos, localization in eye 5531
- D. ursi*, in man, in Canada, new record (g.) 3374
- D. vogeli*
 & *Diphyllbothrium ditremum*, life-history & morphology, compared, & validated 1200
- oncospheres, taxonomic significance of embryonic hooks 1201
- Diplangus*, synonymy 5677
- D. parvus*, synonymy 5678
- Diplaxine popovae*, n.g., n.sp., in *Euleptorhamphus viridis*, in Indian Ocean 139
- Diplectanum aequans*, distribution on gills 5798
- D. blairensis*, n.sp., in *Sillago sihama*, in India 140
- D. jerbuae*, n.sp., in *Therapon jarbua*, in India 140
- D. laubieri* in *Dicentrarchus labrax*, distribution on gills 5798
- D. minutum*, in *Sciaena maculata*, in India, new record (h.) 3517
- Diplepididae, in Ciconiiformes, monograph 3337
- Diplodiscus*, of Anjaneyulu, 1967, to *Diplodiscus anjaneyului*, n.sp. 1809

Diplodiscus contd.

- D. anjaneyului*, n.sp., for *Diplodiscus*, of Anjaneyulu, 1967 1809
- D. mehrai*, in *Pila globosa*, in India, morphology 1809
- D. subclavatus*, in *Planorbis planorbis*, in USSR (European) 123
- Diplodus vulgaris*, *Holorchis pycnopus* 2415
- Diplogaster entomophaga*, & *Steinernema kraussei*, in *Cephaleia abietis*, antagonism 4550
- Diplogasteroides bibrochus*, n.sp., in *Dendroctonus rufipennis*, in USA 2191
- D. dimidius*, n.sp., in *Dendroctonus adjunctus*, in USA 2191
- D. ipini*, n.sp., in *Ips pini*, in USA 2191
- D. janae*, to *Rhabdontolaimus janae*, n.comb. 2179
- Diplogonoporus balaenopterae*, scanning electron microscopy 5155
- D. grandis*
in man, in Japan 3896
scanning electron microscopy 5155
- D. tetrapterus*, in *Phoca vitulina largha*, in USSR (Far East), new record (h.) 64
- Diplomonorchoides*, synonym of *Diplomonorchis* 5677
- D. magnacetabulum*, to *Diplomonorchis magnacetabulum*, n.comb. 5678
- Diplomonorchis*, synonymy 5677
- D. leiostomi*, synonymy 5678
- D. magnacetabulum*, n.comb., for *Diplomonorchis magnacetabulum* 5678
- D. micropogoni*, synonym of *Diplomonorchis leiostomi* 5678
- Diploproctodeum*, in *Chelonodon patoca*, in Gulf of Aden, morphology 4583
- D. longipygum*, to *Bianium longipygum*, n.comb. 5678
- D. macracetabulum*, to *Bianium macracetabulum*, n.comb. 5678
- Diplostomatids*, in *Coregonus*, in Baltic, age & seasonal variation, & control 1112
- Diplostomidae*, in animals, brief notes 3518
- Diplostomulum petromyzi-fluviatilis*, in *Lampraetra fluviatilis*, in Britain, life-history, & morphology 6468
- Diplostomum*
in *Ctenopharyngodon idella*, in USSR (Ukraine), control, & incidence 1995
in *Cyprinus carpio*, in USSR (Ukraine), control, & incidence 1995
in freshwater fish
control, diagnosis, & life-history,
reviewed 3999
in Poland 1739
in USSR (European), host specificity, & seasonal variation 2348
in *Hypophthalmichthys molitrix*, in USSR (Ukraine), control, & incidence 1995

Diplostomum contd.

- in *Lymnaea ovata*, host starvation & host/parasite glycogen metabolism 4185
- Nosema diplostomi* 3513
- D. (Adenodiplostomum) odeningi*, n.sp., in *Milvus migrans*, in India 1800
- D. clavatum*
control of intermediary 391
control by ultrasound 391
- D. commutatum*, in *Radix ovata*, in USSR (European), new record (h.) 3471
- D. (Glossodiplostomoides) vidyarthi*, n.sp., in *Milvus migrans*, in India 1800
- D. odeningi*, n.sp., in *Milvus migrans*, in India 1800
- D. ophthalmi*, metacercariae, morphology of excretory system 1808
- D. pseudomergi*, n.sp., in *Squatarola squatarola*, in USSR (European) 2969
- D. pusillum*
in *Actitis hypoleucos*, in USSR (European), new record (h.) 2969
in *Capella gallinago*, in USSR (European), new record (h.) 2969
metacercariae, in *Nemachilus*, in USSR (Kazakhstan) 1815
morphological variation 1815
- D. spathaceum*
in carp, susceptibility 1123
cercariae, longevity & physicochemical conditions 4178
control of intermediary 391
control by ultrasound 391
in *Ctenopharyngodon idella*, in USSR (European), treatment of water with electric current 5452
in freshwater fish, general account 5630
in *Hypophthalmichthys molitrix*, pathology 3132
in *Larus*, in India, new record (g.) 1800
in *Lymnaea auricularia*, control by *Nosema strigeoideae* 6407
in *Salmo gairdnerii*, susceptibility 1123
- D. vidyarthi*, n.sp., in *Milvus migrans*, in India 1800
- Diplotriana chandragiriensis*, n.sp., in *Monticola rufiventris*, in Nepal 5181
- D. darnaudii*, n.sp., in *Trachyphonus darnaudii*, in Canada, zoo 6207
- Diplotrianoidea*, reviewed, (book) 2197
- Diplozoon dayali*, n.sp., in *Catla catla*, in India 1179
- D. paradoxum*, ultrastructure of Mehlis' gland 1181
- Dipylidiidae*, n.fam., for *Dipylidiinae*, Stiles, 1896 2200
- Dipylidiinae*, Stiles, 1896, to *Dipylidiidae*, n.fam. 2200
- Dipylidium caninum*
in animals, zoonoses 2024
in dog
iron levels 1344

***Dipylidium caninum* contd.**in dog *contd.*

manganese & copper in host tissues 1346

pathology 266

plant extracts 4838

trace elements in testes 1345

in man

in Japan, case report 570

zoonoses 2024

D. sexcoronatum*, in *Heterodoxus*longitarsus*, in Philippines, new record (h.) 6143***Dirhabdillaimus nacogdochensis*, n.sp., in***Dendroctonus terebrans*, in USA 2191***Dirofilaria***

in dog

arsenicals & glutathione 2707, 3262

in Japan, serum Mg 2574

technique for administering,

thiacetarsamide 4804

in man

in Italy

autochthonous infection 6017

zoonotic infection 1610

in USSR, localization in eyelid 4447

D. immitisin *Aedes sierrensis*, experimental 2653in *Aedes trivittatus*, in USA (West North Central) 6122in *Aedes vexans*, in USA (South Atlantic) 5637

allergen analysis 727

in *Anopheles punctipennis*

in USA (South Atlantic) 5637

in USA (West North Central) 6122

& bacteria, in mosquito, development 5520

in *Canis latrans*, in USA (West North Central), survey 51in *Castor canadensis*, in USA (East South Central) 1080

in cat

case report 5602

detection of antibodies by

counterimmunoelectrophoresis 4087

experimental 1700

host susceptibility & response 4478

pathology 5745

in USA (East North Central), case

reports 5030

in USA (North Atlantic), case reports 2311

in USA (West South Central), case reports 6061

in *Culex salinarius*, in USA (South Atlantic) 5637**& *Dipetalonema reconditum***

microfilariae, technique for differentiating 6443

Dirofilaria immitis* contd.*& *Dipetalonema reconditum* contd.**

technique for diagnosing, compared 5598

in dog

in Australia 6063

in Canada, not found 2884

case report 3955

cerebral infarction 2554

chemotherapy 418, 3230, 3240, 3293

mathematical approach 5881

control, & symptoms 4477

detection of antibodies by counterimmunoelectrophoresis 4087

dithiazanine iodide 1532

fatal treatment with dichlorvos 3222

general account 3952, 3964-3965

glomerulosclerosis 1342

in Hawaii, diagnosis by IEP 5704

in India, local survey 55

in Japan 2308, 2889

local survey 5604

transmission to man 5817

treatment by surgery 2108

levamisole 2038, 5823, 5849

in Malaysia

incidence 4482

local survey 52

membranous glomerulonephritis 4135

microfilaria counts & adult worm

burdens, compared 5027

pathology of brain 263

reviewed 2052

symptoms & treatment 5023

technique for diagnosing, assessed 5027

thiacetarsamide sodium 1532

treatment by surgery 4307-4308

in USA

case report 6062

diagnosis, discussed 3958

in USA (East North Central), incidence 5598

in USA (North Atlantic), survey 1067

in USA (Pacific) 2653

in USA (South Atlantic), survey 3960

in Venezuela, incidence, &

pathogenicity 3431

in *Gulo luscus*, in USA (East North Central), zoo, case report 5031

larvae, micro-organisms 4564

lipid content 4191

in man

control of vector 6411

detection of antibodies by

counterimmunoelectrophoresis 4087

literature reviewed 2226

mode of infection 2154

in USA

case report 2226

***Dirofilaria immitis* contd.**

in man contd.

in USA contd.

case reports 2216

in USA (South Atlantic), pathology of lung 4956

in *Meriones unguiculatus*, development 61

microfilariae, in dog, technique for detecting 6443

in mosquito

in USA, control 6411

in USA (South Atlantic), host anticoagulins & susceptibility 2942

in Philippines, length of adult worms 5595

in *Phoca vitulina*, in USA 3980

scanning electron microscopy 5173

in *Ursus americanus*, in USA (South Atlantic) 2304in *Zalophus californianus*, in USA (West South Central), zoo, pathogenicity, & prophylaxis 611***D. (Nochtiella) conjunctivae***, in man, in Israel, surgical removal from eye 4966***D. repens***in *Aedes aegypti*host resistance & susceptibility 2469
phosphatase levels 5304

in dog, in Uganda 1697

in *Macaca*, host susceptibility & response 4127

in man

in USSR (European) 2211

case reports 1649

in USSR (Ukraine), case reports 2256

D. roemeri

in Macropodidae, in Australia, epizootiology, & local survey 979

in *Macropus giganteus*, development 979in *Macropus robustus*, development 979in *Megaleia rufa*, development 979***D. scapiceps***, in *Sylvilagus floridanus alacer*, in USA (West South Central) 4503***D. tenuis***, in *Macaca*, host susceptibility & response 4128***D. ursi***, in *Ursus americanus*, in USA (East North Central) 613***Dirofilariaeformia pulmoni***, n.sp., in *Sciurus carolinensis*, in USA 1833***Discoverytrema markowskii***, n.g., n.sp., in fish, in Antarctica, & South Atlantic 5671**Disease, immunosuppressive, & *Strongyloides stercoralis***, in man, fatal cases 1331**Diseases, tropical**, (book) 994***Dispharynx nasuta***in *Alcedo atthis bengalensis*, in India, new record (h.) 72in *Clamator jacobinus*, in India, new record (h.) 72***Distoma campanula***, to *Rhipidocotyle campanula*, n.comb. 5680***D. gracilescens***, to *Prosorhynchoides gracilescens*, n.comb. 5680***Distomum fenestratum***, in *Synodus foetens*, in USA (South Atlantic), new record (h.) 4598***D. micracanthum***, to *Holorchis micracanthum*, n.comb. 2414**Ditestolepididae**, n.fam., for

Ditestolepidinae, Yamaguti, 1959 2200

Ditestolepidinae, Yamaguti, 1959, to

Ditestolepididae, n.fam. 2200

Diximermis peterseni

g. et sp. inq. 6203

in mosquito, biological control agent 4545

Dog

acetarsamide sodium 2052

Ancylostoma 1695*A. braziliense* 3973, 5028*A. caninum* 243, 278, 1069, 1696, 2305, 3673, 3973, 4660, 5028, 6238, 6336 & *Giardia canis* 2963*A. ceylanicum* 1290*Angiostrongylus vasorum* 5970

anthelmintics 1002, 5425

antibiotic G-418 407

arecoline hydrobromide 2027

arecoline hydrochloride 2734

arsenic 2707, 3262

Artyfchinostomum sufrartyfex 5270

ascarids 1695

Ascaris, antigen 5730, 6256

bephenium hydroxynaphthoate 1503

Bipalium fuscum 594

bithionol 1515

bithionol acetate 414

brotianide 2027

bunamidine 2081

bunamidine hydrochloride 342, 2734, 5454

bunamidine hydroxynaphthoate 1462

bunamidine oxynaphthoate 6386, 6404, 6440-6441

Butea frondea extract 2688

Calclofos 386

cambendazole 882, 3785

cantrodifene 4301

Capillaria hepatica 601

cestodes 3961, 6071-6072

chloroquine phosphate 1469

Cysticercus cellulosae 5029, 6067

dichlorophen 2092

dichlorvos 3222

Dictyocaulus viviparus 5965

diethylcarbamazine 418, 3293, 4261

Diectophyme renale 3436*Dipetalonema* 2888*D. dracunculoides* 2135*D. grassii* 1828

Dog contd.*Dipetalonema* contd.

D. reconditum 1067, 3434, 5598, 6063, 6443

Dipylidium caninum 266, 1344–1346

Dirofilaria 2574, 2707, 3262

D. immitis 52, 55, 263, 1067, 1342, 2052, 2108, 2308, 2554, 2653, 2889, 3431, 3952, 3955, 3958, 3960, 3964–3965, 4087, 4135, 4307–4308, 4477, 4482, 5023, 5027, 5595, 5598, 5604, 5704, 5817, 5881, 6062–6063, 6443

D. repens 1697

disophenol 2711

dithiazanine iodide 1532, 2052

Diuredosan 4854

Dracunculus insignis 49

Echinococcus 504, 1397, 1460, 3429, 3807

E. granulosus 227, 341, 505, 597, 872, 1204, 2804, 3201, 3954, 4029, 4235, 4245, 4486, 5827

E. multilocularis 410, 1162

Enterobius vermicularis 2306

fenbendazole 370

filariids 593

Filaroides hirthi n.sp. 1834

F. milksi 607, 770, 6073

F. osleri 2034

fospirate 2054, 5439

GS-23654 5438

heartworm 6275

helminths 323, 428, 595–596, 600, 603, 605, 1065–1066, 1075–1076, 1343, 1443, 1697, 1699, 1704–1706, 2133, 2139, 2309, 2883, 2886, 2890, 3957, 3963, 3966, 4786, 5024, 5603, 5809, 5812, 5966, 6066, 6069

Heterobilharzia americana 6068

hexachlorophene 1515, 2045

hookworm 1320–1321, 5887

intestinal helminths 1707

levamisole 2038, 3230, 3240, 3293, 5823, 5849

levamisole camphorsulphonate 6408

levamisole hydrochloride 418

mebendazole 1474, 2053, 5357, 5859

Mesocestoides lineatus 606

microfilariæ 2310, 4484

Multiceps multiceps 3110, 4029

nematodes 2641, 3403, 5107

niclosamide 1515, 2027, 2062, 2081, 2092, 3813, 4373, 5876

nitroscanate 2678

nitroxynil 2090

Opisthorchis 397

oxyclozanide 2027

oxyuroids 2306

Paragonimus hueitungenensis n.sp. 5665

P. miyazakii 1980

P. ohirai 1292, 1980

Dog contd.*Paragonimus* contd.

P. westermani 1291, 1980, 5021

Paropisthorchis caninus 5017

piperazine citrate 5455

piperazine dantimonoyl tartrate 3703

plant extracts 4284, 4838

pyrantel pamoate 1539, 2083, 3257, 5455

Sansalid 6382

Spirocerca 2562

S. lupi 3962, 4146, 4476, 4481

Spirometra erinacei 5593

Stictodora sawakinensis 5018

Taenia hydatigena 1344–1346, 1348, 1461, 2622, 4029, 5101

T. ovis 1461, 2622

T. pisiformis 2580, 2622

Taeniinae 1072

tetramisole hydrochloride 903

thiacetarsamide 4804

thiacetarsamide sodium 418, 1532

Toxascaris leonina 5887

toxicity

of bunamidine hydrochloride 5454

of *Butea frondea* extract 2688

of Calcofos 386

of cambendazole 882

of dichlorvos 3222

of diethylcarbamazine 4261

of hexachlorophene 1515

of levamisole hydrochloride 418

of mebendazole 1474

of nitroscanate 2678

of thiacetarsamide sodium 1532

of trichlorphon 3727

Toxocara 2641, 4246, 5333, 5887

T. canis 1298, 1344–1346, 2548, 3687, 3697, 4221, 4558, 4782, 5022, 6255, 6323

& *Giardia canis* 2963

Trichinella spiralis 598

trichlorophen 3778

trichlorphon 3727

Trichuris 1695

T. vulpis 761

Uncinaria stenocephala 1696

vincofos 2065

Dolichosaccus schmidtii, n.sp., in *Ocadia sinensis*, in Taiwan 2406

Domanibdellidae, n.fam. 471

Domanibdellinae, n.subf. 471

Dominica, parasites, in man 3365

Donkey

anthelmintics 1661

Cyclocodontophorus euproctus 1661

C. ornatum 1661

Dicrocoelium dendriticum 1163

Draschia megastoma 4979

Habronema microstoma 4979

H. muscae 4979

helminths 1034

hydatid 4978

Donkey contd.

- Probstmayria vivipara* 962, 5566
 tetramisole hydrochloride 5825
 thiabendazole 5825
Trichonema longibursatum 1661

Dorosoma cepedianum, Gyrodactylus dorosomae n.sp. 141**D. petenense, Gyrodactylus dorosomae n.sp.** 141**Dotylaphus**, diagnosis emended 2192**D. lonchites**, n.sp., in *Dendroctonus terebrans*, & *Dendroctonus adjunctus*, in USA 2188**Dracaena guyanensis, Oswaldofilaria belemensis n.sp.** 176**Dracunculoidea**, key to genera 4060**Dracunculus**, in man, in Iran, epidemiology, & incidence 853**D. insignis**, in dog, in Canada 49**D. medinensis**

in man

- brief account 3388, 4391
 epidural localization 2829
 general account 512
 in India

- case report 1650
 general account 2858
 metronidazole 928, 1459

in Nigeria

- extradural localization 2833
 mebendazole 897
 metronidazole 424
 niridazole 5866
 pathology 2863
 in Saudi Arabia 5998

Draschia megastoma, in donkey, in USSR (Uzbekistan), incidence 4979**Dremomys lokriah**

- Brevistriata nepalensis* n.sp. 185
Heligmonella dremomysi n.sp. 185

Drepanidotaenia

in goose

- in USSR
 bithionol 1436
 bithionol sulphoxide 1436
 in USSR (Far East), chemotherapy 446

Dryocoetes confusus

- Ektaphelenchus smaelus* n.sp. 2190
Mikoletzkyia langcauda n.sp. 2185

Duck

- anthelmintics 446
 bithionol sulphoxide 1436
Cotylurostrigea raabei 1096
Cotylurus hebraicus 1096
Cyathocotyle skrjabini 1096
Dendritobilharzia pulverulenta 5126
Echinoparyphium anatis n.sp. 4575
E. recurvatum 6465
Echinostoma revolutum 6465
 echinostomatids 1314
Gastrotaenia dogieli 2544, 4232, 6463

Duck contd.

- helminths 1093
 hygromycin B 5391
Hymenolepis 5815
H. hopkinsi 3833
Maritrema subdolum 5261, 5474
Metorchis bilis 3467
Microphallus claviformis 5261
 piperazine dithiocarbamate 5391
Psilotrema spiculigerum 1096
Schistogonimus rarus 6456
Sphaeridiotrema globulus 1577
Tetrameres fissispina 4013
 thiabendazole 5391
 toxicity

of dichlorophen 1500

of Polyhelminicide DGPF 1500

Trichobilharzia ocellata 74, 3551, 3560*Typhlocoelum cucumerinum* 5481**Dudekemia cristatai**, n.sp., in *Galerida cristata*, in India 4063**Dugesia**

- Cercariaeum* type II 4044
Cercariaeum type III 4044

Dusicyon culpaeus, Echinococcus granulosus 1204**D. griseus, Echinococcus granulosus** 1204**Dussumieria hasselti**

- Mazocraeoides dussumieri* n.sp. 6161
Mazocraes longicauda n.sp. 6161

Dutch Antilles

- helminths
 in cat 2309
 in dog 2309

Dymecodon pilirostris, helminths 1712**Earthworms**

- Ascaridia* 649
Ascaris suum 5350
Heterakis 649
Metastrongylus apri 2764

East Africa

- Brugia pahangi* 5649
Schistosoma 4389

East Indies (see Indonesia)**Echinobothrium harfordi**, n.sp., in *Raja naevus*, in Britain 4597**Echinocephalus crassostreai**

- in *Crassostrea gigas*, pathology of gonoducts 1899
 n.sp., larvae, in *Crassostrea gigas*, in China, & Hong Kong 1832

E. sinensis

- in *Aetabatus flagellum*, in Hong Kong 1318

in cat, experimental 1318

in *Crassostrea gigas*, in Hong Kong 1318

in monkey, experimental 1318

Echinochasmus sp. I, life-history 4342**Echinochasmus sp. II**, life-history 4342**E. caninum**, synonym of *Echinochasmus corvus* 1806

Echinochasmus contd.

- E. corvus*, in fowl, development, morphology, & synonymy 1806
- E. (Echinochasmus) militaris*, in *Egretta alba*, in USSR (Kazakhstan), morphology 6179
- E. (Episthimum) mathevossianae*, synonymy 1095
- E. (Episthochasmus) corvus*, in *Corvus splendens*, in India, new record (h.) 2412
- E. japonicus*, in *Vulpes vulpes schlencki*, in Japan, new record (h.) 151
- E. megadermi*, n.sp., in *Megaderma lyra*, in India 2420
- E. narayani*, synonym of *Echinochasmus corvus* 1806
- E. perfoliatus*
in Chiroptera, in India, new record (h.) 2420
in *Megaderma lyra*, in India, new record (h.) 2420
- E. reniovarus*, synonym of *Echinochasmus corvus* 1806
- Echinochasmus* sp. I
cercariae, in *Bithynia tentaculata*, in USSR (Lithuania), morphology 1131
synonym of *Cercaria helvetica* 1131
synonym of *Sphaeridiotrema globulus* 1131
- Echinococcus* (see also Hydatid)
in animals, in Cyprus, control programme 4846
- antigen
inducing lymphocyte blastogenesis 3549
- in rabbit
anti-lymphocyte globulins & anaphylaxis 3020
cholinesterase activity 3550
lymphocyte & plasmocyte proliferation 3577
lymphocyte & total protein response 3021
sulphydryl groups 4626
- in rat, plasmocytic reaction 5712
- antigen analysis 4626
- in dog
in Bulgaria
chemotherapy 5425
control 3807
- bunamidine oxynaphthoate 6404
- chemotherapy 2092
- effect of life-span & host sex on incidence 3429
- hexachlorophene 2045
- in Iran, incidence 504
- trichorophen 3778
- in USSR (Moldavia), control 1397
- in USSR (Ukraine), control 1460
- host-parasite relationships 1781
- in vitro, anthelmintic evaluation 925

Echinococcus contd.

- in Japan, ecology, & epizootiology, reviewed 5345
- in man, in Cyprus, control programme 4846
- morphology, & taxonomy, reviewed 1817
- in wild animals, in South Africa, local survey 5111
- E. cepanzoi*, synonym of *Echinococcus granulosus* 1204
- E. granulosus*
in animals, zoonoses 2024
in *Canis latrans*, experimental 1068
in carnivores
in Argentina, susceptibility, & reservoir hosts 4483
in Australasia, incidence 321
- in *Citellus citellus*, development 3976
- in dog
in Argentina, morphology, & synonymy 1204
- in Australia
control programmes, reviewed 872
immunization, report 341
incidence 5827
transmission from kangaroo 3201
- in Britain, epizootiology 4245
- in Bulgaria, control, & incidence 4029
- bunamidine hydrochloride 342
- bunamidine oxynaphthoate 6440
- chemotherapy 1002, 2027, 2081, 2734
- development, experimental 4486
- fospirate 2054, 5439
- GS-23654 5438
- host sex & infection intensity 3954
- immunization with ES antigen 227
- in Iran, local survey 505
- longevity 3954
- mebendazole 2053
- in New Zealand, (report) 2804
- niclosamide 4373
- nitroscanate 2678
- in Peru, local survey 597, 4235
- in USSR, bunamidine oxynaphthoate 6441
- in *Dusicyon culpaues*, in Argentina, morphology, & synonymy 1204
- in *Dusicyon griseus*, in Argentina, morphology, & synonymy 1204
- in fox, in Peru, local survey 4235
- geographical distribution 1988
- in vitro
culture 1375
protoscolicidal activity of complement 3573
- in Japan, distribution 1989
- lethal effect of complement 5706
- life-history, reviewed 459
- in mammals, in USSR (Far East), survey 1157
- in man, zoonoses 2024
- ovicides 2100

***Echinococcus granulosus* contd.**

protoscoleces

in vitro

bisphenol derivatives 3784

motility 3654

salicylanilide derivatives 3784

phosphoglucose isomerase 4769

in rodents, development & survival

6079

scolecex, physical factors & survival 1944

E. granulosus duscicyontis, suppressed 1204***E. granulosus equinus***, in horse, in Ireland 6334***E. granulosus felidis***, in *Panthera leo*, experimental transmission from zebra 5111***E. multilocularis***

biochemistry 5962

in *Canis aureus*, in USSR (Uzbekistan), new record (h.) 1071

in carnivores

control 410

in USSR (Kazakhstan), epizootiology 4224

in cat, control 410

in dog

control 410

experimental 1162

geographical distribution 1989

in vitro

& in mouse, anthelmintics, compared 924

protoscolecidal activity of complement 3573

suppression of segmentation 821

in laboratory animals 1162

in mammals

in USSR (Far East), survey 1157

in USSR (Siberia), local survey 507

metacestodes

in mouse, benzimidazole compounds 3229

in *Sigmodon hispidus*, benzimidazole compounds 3229

protoscoleces

in vitro

complement-induced lesions 5212

effect of peritoneal cells & sera from infected *Sigmodon hispidus* 5229

motility 3654

in rodents, development & survival 6079

E. patagonicus, synonym of *Echinococcus granulosus* 1204***Echinocotyle nitida***, Clerc, 1906, to *Hymenolepis (Hymenolepis) nitida*, n.comb. 6184***E. ryjkovi***in *Diaptomus denticornis*, in USSR (Siberia), new record (h.) 659in *Mesocyclops leuckarti*, in USSR (Siberia), new record (h.) 659***Echinocotyle ryjkovi* contd.**in *Paradiaptomus asiaticus*, in USSR (Siberia), new record (h.) 659***Echinoparyphium aconiatum***

cercariae, longevity & physicochemical conditions 4178

in *Lymnaea stagnalis*, temperature & viability of rediae 2593***E. anatis***, n.sp., in duck, in Taiwan 4575***E. flexum***, in fowl, infectivity & excystation *in vitro* 4183***E. petrowi***, in *Spatula clypeata*, in Yugoslavia, new record (g.) 4508***E. ralphaudyi***, n.sp., in birds, & rodents, experimental 153***E. recurvatum***

in duck, experimental transmission 6465

in fowl, experimental transmission 6465

E. taipeiense, n.sp., in fowl, in Taiwan 4575***Echinophallus seriolellae***, n.sp., in *Seriolella brama*, in Australia, & New Zealand 6172***Echinorhynchotaenia***, taxonomy 2986***Echinorhynchotaeniinae***

taxonomy 2986

transferred to Hymenolepididae 2986

Echinorhynchus, graphical analysis of proboscis hook characteristics 2988***E. gadi***

histochemistry & ultrastructure of integument 4742

in *Macruronus novaezelandiae*, in New Zealand, new record (g.) 94***Echinostoma***

in duck, in USSR, bithionol sulphoxide 1436

in fowl, in USSR, bithionol sulphoxide 1436

in man, in Japan, case report 563

E. caproni*in vitro*, brotitanide 3753

in mouse, brotitanide 3753

E. liei, in *Biomphalaria glabrata*, amoebocyte production 117***E. lindoense***in *Biomphalaria glabrata*

amoebocyte production 117

reinfection & cannibalism 1384

resistance 3070-3071, 6244-6246

sporocysts, in *Biomphalaria glabrata*, tissue reactions 5218***E. malayanum****in vitro*, culture 6300

lipid content 3665

E. paraenseiin *Biomphalaria glabrata*, amoebocyte production 117predation on *Schistosoma mansoni*, sporocysts 4561***E. revolutum***

in duck, experimental transmission 6465

***Echinostoma revolutum* contd.**

- in fowl, experimental transmission 6465
- in *Lumbriculus variegatus*, in USSR (Kirgizia), new record (h.) 4019
- in *Procyon lotor*, in USA (West North Central), new record (h.) 1159

Echinostomatid cercariae

- in *Bithynia tentaculata*, in USSR (Lithuania) 1131
- morphology, & taxonomy 3521

Echinostomatids, in duck, serum enzymes 1314**Echinostome larvae, in snails, in Egypt, survey 1126*****Echinuria uncinata***

- in *Daphnia*, development 5970
- in *Heterocypris incongruens*, development 5970

Echis carinatus*, helminths 1105*Ecology**

- Amidostomum anseris* 4217
- Ancylostoma caninum*, larvae 310, 3673
- A. duodenale* 1983
- A. tubaeforme*, larvae & ova 2613
- Anisakis* 630
- A. schupakowi* 4528
- anoplocephalids 1054
- Araopyrgus costaricensis* 1767
- Ascaridia*, ova 5326
- A. galli* 847, 3675
- ova 1382, 5800
- Ascaridoidea 2324
- Ascaris* 5807
- ova 1383, 5327
- A. lumbricoides*, ova 6318
- A. suum* 5350
- ova 5793, 6312
- Avioseipens mosgovoyi* 1425
- Avitellina* 5346
- Biacetabulum meridianum* 6105
- Biomphalaria* 1999
- B. alexandrina* 4784
- B. glabrata* 1766, 1775
- B. pfeifferi* 5076
- Breintlia booliati* 1081
- Bulinus* 121, 1999
- B. (Physopsis)* 5076
- B. truncatus* 4784
- Bunodera luciopercae* 2912
- Caryophyllaeus laticeps* 5792
- Cercaria lynnaeae truncatulae* 3804
- C. micrura* I 4211
- C. micrura* II 4211
- cercariae
 - in fresh water 3678
 - in molluscs 3674
- Chabertia ovina*, larvae 1392
- Choanotaenia infundibulum* 4003
- Contracaecum squali* 4528
- Cooperia oncophora*, larvae & ova 315
- Crepidostomum farionis* 319
- Cysticercus* 1038

Ecology contd.***Cysticercus* contd.**

- C. bovis* 3941
- C. cellulosae* 3941
- Dactylogyrus hypophthalmichthys* 1752
- Deroceras reticulatus* 1776
- Diclidophora denticulata* 2629
- D. luscae* 2629
- D. merlangi* 2629
- Dicrocoelium* 1391
- D. dendriticum* 1406, 4212, 5655
- Dictyocaulus*, larvae 3679
- D. viviparus* 3419, 5329
- larvae 3672, 4208
- digeneans, in *Potamopyrgus antipodarum* 5752
- Diorchis brevis* 3676
- D. inflata* 3676
- D. ransomi* 3676
- Diphyllbothrium ditremum* 4774
- Diplectanum aequans* 5798
- D. laubieri* 5798
- Diplostomum* 2348
- Diximermis peterseni* 4545
- Echinococcus* 5345
- Enterobius* 1981
- Eripobdella octoculata* 3843
- Eurytrema pancreaticum* 6317
- Eustrongylides excisus* 4528
- Fasciola* 3412
- F. hepatica* 330, 833, 1388, 3681, 3804, 4212, 4540, 5928
- metacercariae 5965
- gastro-intestinal nematodes
 - in cattle 5814
 - in sheep 5002, 5814
- Gymnophalloides macroporus* 1405
- Haemonchus* 1389, 5352
- H. contortus* 40
- larvae & ova 3668, 4775
- H. contortus cayugensis* 5801
- helminth larvae & ova 4813
- helminth ova 830
- helminths 4369, 6474
 - in *Abramis brama* 6320
 - in acipenserids 635
 - in *Agama* 2332
 - in *Alburnus alburnus* 5966
 - in amphipods 836
 - in animals 5324
 - in annelids 6462
 - in *Aythya affinis* 3187
 - in birds 1003, 1098, 5322
 - in carp 2347
 - in cattle 305, 2195, 2298, 2866
 - in *Coregonus albula* 4531
 - in *Corvus frugilegus* 1379
 - in *Falco tinnunculus* 3447
 - in *Falco vespertinus* 3447
 - in fish 1003, 5774
 - in fowl 1386

Ecology contd.

helminths contd.

- in freshwater fish 307, 318, 2340, 2927, 2929, 3463, 3995, 4912, 6112
- in freshwater molluscs 3503
- in *Fundulus heteroclitus* 1738
- in insects 2957
- in mammals 1786, 2957, 5512
- in man 1977, 5543
- in marine fish 4532
- in molluscs 1977
- in moufflon 576
- in Muridae 1417
- in *Nyctereutes procyonoides* 5032
- in *Odobenus rosmarus* 3977
- in *Ophicephalus argus* 2924
- in perch 1387
- in rodents 1003, 4498
- in *Rutilus rutilus* 4531
- in *Salvelinus alpinus* 87
- in sheep 305, 1035, 2009, 2014, 2195, 2291
- in *Sturnus vulgaris* 1086
- in *Synodus foetens* 4598
- in *Vanellus vanellus* 3445
- Hepatojarakus bandicoti* 5351
- Heterakis* 5054
- H. gallinae* 3675
- Hirudinea 635, 1387, 2924, 5966, 6479
- hydatid 2862, 5345
- Hydrophitrema gigantica* 2330
- hymenolepidid larvae 5328
- hymenolepidids 3984
- Hymenolepis diminuta* 2624, 3160, 6316, 6319
- H. erinacei* 2631
- Ligula intestinalis* 826
- Liorchis scotiae* 4212
- larvae & ova 1381
- Lymnaea cubensis* 5640
- L. truncatula* 3210, 5652
- Marshallagia* 1677
- Mecistocirrus*, larvae 5797
- Melolonthinimermis hagmeieri* 647
- mermithids 827, 4539
- Microphallus calidris* 4346
- Moniezia* 2007, 3671, 4467
- M. benedeni* 1056, 5346
- M. expansa* 5346
- Monobothrium ulmeri* 6105
- monogeneans 4375
- Muellerius* 5654
- Necator americanus* 1983, 4788
- nematode larvae 2051
- on pasture 5795–5796
- in soil 2634
- nematode larvae & ova 320, 4933
- nematodes
- in ant nests 2626
- in cattle 2202
- in *Larus canus* 5050
- in pig 591

Ecology contd.

nematodes contd.

- in sheep 2202
- Nematodirus* 2877, 4461–4462
- N. filicollis*, larvae & ova 3669
- Neomesomeris flumenalis* 3478
- Nicolla gallica* 2632
- Notocotylus chionis* 3666
- Oesophagostomum columbianum* 40
- Onchocerca armillata* 1979
- O. volvulus* 3186
- Oncomelania* 1999
- O. hupensis* 840
- O. quadrasi* 5096
- Opisthorchis* 2016
- oribatid mites 1414, 1416
- Ostertagia* 5352
- O. circumcincta*, larvae 1985, 4220
- O. ostertagi*, larvae & ova 315
- paramphistomatids 662
- parasites 829, 2627, 5478, 5964
- in fish 1976
- in *Gasterosteus aculeatus* 85
- in *Gasterosteus pungitius* 85
- in *Leuciscus rutilus* 2355
- Penarchigetes* 6105
- Pomphorhynchus laevis* 2346, 2632, 4210
- Posthodiplostomum cuticula* 3203
- protostrongylids 311
- Protostrongylus hobmaieri* 1385
- Psilochasmus oxyuris* 3666
- Psilotrema spiculigerum* 3666
- Rhabditis strongyloides* 4764
- Rhabdochona* 319
- Rhipidocotyle illense* 3670
- Sanguinicola*, larvae 1380
- Schistosoma* 1395
- S. haematobium* 5353
- S. intercalatum* 5353
- S. mansoni* 5331
- Simulium damnosum* 1130
- Skrjabinia cesticillus* 4003
- snails 1475, 2935
- soil-transmitted helminths 823
- Sphaeridiotrema globulus* 3666
- strongyle larvae 312, 316, 1390
- strongyle larvae & ova 313
- strongyles 4461
- strongylids 2014, 5818
- Strongyloides* 2877, 3184
- ova 822
- S. papillosus* 1388, 1666
- Strongylus*, larvae & ova 4209
- Succinea putris* 1776
- Taenia pisiformis*, ova 3667
- T. saginata* 3888
- oncospheres 3189
- ova 5321
- Tetrabothrius minor* 317
- T. procerus* 317
- Thaprosipirura meltadi* 5351

Ecology contd.

- Thysaniezia* 5346
 trematode larvae
 in freshwater molluscs 3488
 in molluscs 1978
 trematodes 3191
 in *Abramis brama* 84
 in aquatic birds 1405
 in *Barbus barbus* 84
 in copepods 5951
 in freshwater molluscs 2363
 in *Littorina obtusata* 3209
 in *Littorina saxatilis* 3209
 in molluscs 1405, 5951, 5980
 in *Rutilus rutilus caspicus* 84
Triaenophorus nodulosus 2632
Trichobilharzia ocellata, cercariae 3308
 trichostrongylid larvae 2650, 5518–5519
 trichostrongylids 2638, 5352, 5801
 Trichostrongyloidea 5186
Trichostrongylus colubriformis, larvae &
 ova 4775
T. orientalis, larvae 832
Trichuris, ova 1383, 3190
Viannella 5351

Economic loss

- Ascaris* 1505
 cestodes
 in cattle 1397
 in pig 1397
 in sheep 1397
Coenurus 1541, 1783
Cysticercus 1783
C. bovis 1886
C. cellulosae 3945, 5760
Dicrocoelium 773, 1924, 3248
Fasciola 582, 1891, 3248, 3416, 4133,
 4151, 4716–4717
F. hepatica 271, 1901, 2205, 3210, 4143,
 4707, 4794
 gastro-intestinal helminths
 in cattle 6284
 in sheep 6284
 gastro-intestinal nematodes, in cattle
 1936, 4456
Haemonchus 1541
 helminths
 in animals 1778, 5974
 in cattle 2297, 2572
 in domestic animals 763, 1893, 1935,
 1942, 2079, 2204, 3137
 in pig 270, 2572, 4711
 in sheep 1668, 2572, 5360
 hydatid 1332, 1783, 3248
Moniezia 1541, 3416
M. benedeni 3422
M. expansa 3422
 nematodes
 in cattle 4998
 in pig 2050
Oesophagostomum 1313
Paramphistomum microbothrium 796

Economic loss contd.

- parasites
 in animals 751, 4826
 in domestic animals 780
 in man 751
 in marine fish 97
Schistosoma haematobium 3122
S. mansoni 6268
Trichinella 3134
Trichuris 1505
Ecuador
Cosmocerca brasiliensis 6193
 helminths
 in cattle 5956
 in fowl 5956
 in horse 6493
Spirometra mansonoides 1986
Eel, *Anguillicola* 98
Egretta alba, *Echinocasmus*
 (*Echinocasmus*) *militaris* 6179
E. garzetta, *Pseudoaviculariella srivastavae*
 n.g., n.sp. 193
Egypt
 cercariae, in molluscs 2373
Coenurus cerebralis 1043
Dipetalonema wite 6074
Echinoparyphium ralphaudyi n.sp. 153
 echinostomes 1126
Fasciola gigantica 1129, 1479
F. hepatica 1129
 gastro-intestinal nematodes, in sheep
 1551
Gigantobilharzia 5668
 n.sp., [not named] 6175
 helminths
 in *Mugil capito* 1743
 in *Mugil cephalus* 1743
 hookworm 2003
 hydatid 1255, 4082, 5986
 metacercariae, in molluscs 2373
Moniliformis dubius 1818
Neoscaris vitulorum 1052
 parasites, in man 3126
Renicola ardeolae n.sp. 3520
Schistosoma 2003, 2230, 3142, 3764,
 3792, 5985
S. haematobium 1019, 3152, 3765, 4736,
 4784, 4789
S. mansoni 3152, 3439, 3731, 4251,
 4784, 4789, 6150
Stephanofilaria 1041
Wuchereria bancrofti 2003
Eimeria tenella, & *Ascaridia galli*, in fowl,
 volatile fatty acids 5114
Eira barbara, *Paragonimus inca* n.sp. 4580
Eisenia foetida
 Ascaris 1412
 Heterakis 1412
Ektaphelenchus
 diagnosis emended 2192
 in USA, key to spp. 2191

Ektaphelenchus *contd.*

E. josephi, n.sp., in *Dendroctonus ponderosae*, in USA 2190

E. smaelus, n.sp., in *Dryocoetes confusus*, *Ips pini*, & *Pityophthorus*, in USA 2190

E. terebrans, n.sp., in *Dendroctonus terebrans*, in USA 2190

Elaeophora schneideri, in ruminants, in USA (Mountain), local survey 6049

Elaphe dione, *Markewitschitaenia rodentium* 4057

Elaphostrongylus, in *Rangifer tarandus caribou*, in Canada 4993

E. cervi

in *Capreolus capreolus capreolus*, in Australia, morphology, & differential diagnosis 4609

in *Cervus canadensis*, in New Zealand 4997

in *Cervus elaphus*, in New Zealand, new record (g.) 4996

in *Cervus elaphus hippelaphus*, in Australia, morphology, & differential diagnosis 4609

E. rangiferae

in cattle, histopathology of central nervous system 752

in sheep, histopathology of central nervous system 752

Elasmobranchs

cestodes 4523

monogeneans 2965, 5662

trematodes 2965

Trypanorhyncha 164

Elephas indicus, *Grammocephalus*

hybridatus 612

E. maximus

helminths 1718

phenothiazine 1718

Elocobdella novabritanniae, n.g., n.sp. 471**Elytrophalloides oatesi**, redescribed 5671

Elytrophallus, in *Japetella heathi* in Mexico, morphology, & new record (h.) 5091

Embryology (see also Development; Life-history)

Acanthobothrium coronatum 5485

A. filicollis 5485

A. zschokkei 5485

Ascaridia galli 3321

Ascaris 982

A. lumbricoides 3315–3316

A. suum 3315–3316, 3321

Astiotrema trituri 3831

Caenorhabditis elegans 4903

Capillaria perforans 5297

cerariae 467

Fasciola hepatica 2144

Hexameris albicans 460

Hirudinea 5933

nematodes 2771

Schistosoma japonicum 2603

Embryology *contd.*

trematodes 467

Emys, helminths 626

Enallagma, *Haematoloechus coloradensis* 3310

Encyclometra colubrimurorum, in

Tropidonotus piscator, in India 5666

Engraulis encrasicholus, *Renicola* 633

Enhydra lutris, *Microphallus pirum* 4777

Enhydrys chinensis, *Mesostephanoides taiwanensis* n.sp. 2406

Enoplus brevis, functional significance of haemoglobin 799

Enterobius

in man

in Bulgaria, incidence 3400

chemotherapy 388

in Poland, chemotherapy 2070

pyrantel pamoate 926

technique for diagnosing, compared 5969

in USSR

control, & incidence, reviewed 3756

control by sanitation 1027

local survey 2812

pyrvinium pamoate 3216

in USSR (Georgia), control, & incidence, reviewed 3265

in USSR (Lithuania), control 1437

in USSR (Ukraine)

local survey 553

pyrvinium pamoate 411

in USSR (Uzbekistan)

survival in household dust 1981

thiabendazole 5402

& *Trichuris*, in man, antagonism 5553

E. sciuri, Cameron, 1932, to *Lemuricola (Rodentoxyuris) sciuri*, n.subg., n.comb. 1840

E. vermicularis

& *Ascaris*, in man, biochemical diagnosis 2136

in dog 2306

in man

in Bulgaria, bephenium

hydroxynaphthoate plus santonin 3276

in India

local survey 2852

pathology of appendix 1895

in Korea

epidemiology 2269

local survey 5537

mebendazole 906

in Peru, pyrantel pamoate 4830

in Poland

epidemiology 5964

incidence 1655

& eosinophilia 1644

in Taiwan, incidence 3880

whole-gut perfusion 4326

***Enterobius vermicularis* contd.**

ova

Dientamoeba fragilis 6154

in soil, in Poland 5964

in swimming pools, in Poland 5964

scanning electron microscopy 3001

Entobdella soleae*, mode of hatching 2604*Eosinophilia, tropical**

in man

aetiology 739

diethylcarbamazine & pulmonary

function 4840

immunology 5222

in India, pathology of lung 5275

Eosinophilia, tropical pulmonary

adrenaline & eosinophil count 4679

in man, in India 3911

Epicrates angulifer*, *Ophiotaenia nattereri* 5681*Epidemiology (see also Epizootiology)***Ancylostoma braziliense* 4404*A. duodenale* 2218*Angiostrongylus cantonensis* 6118

anisakids 1109–1111, 3207–3208

Anisakis 2232, 4405

ascarids 4387, 4781

Ascaris 336, 534, 559, 842, 851, 1423, 2281, 3196–3197, 3686, 5336, 5405, 5807, 5820, 5964, 6338, 6349*A. lumbricoides* 845, 2218, 5964*A. suum* 849*Brugia malayi* 503, 1029, 2374, 2645, 4783, 5341*B. pahangi* 2642*Carneophallus brevicicaeca* 2763

cestodes, in man 2231, 5561

Clonorchis 652*C. sinensis* 325, 2243–2244, 2354, 2377, 2390, 2639, 6346*Cysticercus* 2008, 2637, 6379*Dientamoeba fragilis* 6154

digeneans, in man 1125, 3401

Diphyllbothrium 12, 1996, 4964*D. latum* 1428*Dipylidium caninum* 2024*Dirofilaria immitis* 5817*Dracunculus* 853*Echinococcus granulosus* 2024*Enterobius* 2812*E. vermicularis* 1655, 2269, 5964*Fasciolopsis buski* 325

filarids 927, 1334, 1404, 1869, 2002, 2013, 2511, 2645, 4391, 4446, 4971, 5344, 5651

helminths 3858, 4226, 6344

Epidemiology contd.

helminths contd.

in man 323, 325, 331, 839, 850, 852,

936, 989, 1075–1076, 1396, 1398,

1402, 1410–1411, 1741, 1977, 1997,

2000, 2004, 2019–2020, 2954, 3391,

3685, 3695, 3869, 4106, 4231, 4244,

4437, 4786, 4919, 5338, 5347, 5803,

5810–5811, 5963–5964, 5974, 6135, 6328, 6340

hookworm 2003

hydatid 17, 2254, 2637, 3193, 6379

Hymenolepis 857*H. fraterna* 849*H. nana* 5343, 5964*Mansonella ozzardi* 3379, 5816

microfilariae 2357

Necator americanus 2218, 4788

nematodes, in man 2641, 3403

nematodes in snails 112

Onchocerca 2011, 3202*O. volvulus* 1011, 3358, 3826, 6027, 6342*Opisthorchis* 1641*O. felineus* 1*Orientobilharzia turkestanicum* 1415*Parafilaria bovicola* 329*Paragonimus* 2264, 4390, 4422*P. uterobilateralis* 2207, 3699*P. westermani* 4230, 6343

parasites, in man 858, 3195, 3335, 3470

Phocanema 516*Schistosoma* 858, 1395, 1413, 1999, 2003, 2006, 2011, 2017, 2511, 3683, 4152, 4223, 4229, 4401, 4422, 4429, 5076, 5092, 5355*S. haematobium* 509, 864, 2838, 3194, 3202, 3883, 4419, 4423, 4789, 5334, 5353, 5751*S. intercalatum* 5353*S. japonicum* 840, 2012, 2648–2649, 4242, 6137*S. mansoni* 112, 757, 874, 1766, 3194, 3439, 3694, 3883, 4423, 4435, 4789, 4950, 5085, 5334, 6258, 6327

Schistosomatidae 126

soil-transmitted helminths 823

Sparganum mansoni 2819

strongylids 4404

Strongyloides 340, 856, 1422*S. stercoralis* 2644, 4227, 4405, 5964*Taenia* 849, 1996, 5964*T. saginata* 1426, 1991, 2097, 3189, 3356, 3395, 3692, 3888, 5335, 5348, 5968, 6325

taeniids 3357

terms defined 4785

Thynnascaris 4787*T. aduncum* 276*Toxocara* 2641, 4246, 4781*T. canis* 2630, 3403, 4221, 4782

Epidemiology contd.

- Trichinella* 9, 328, 351, 1401, 2008,
2637, 2793, 3134, 3199, 5533, 5804,
6329, 6347
(strains) 3143
T. nativa 2854
T. spiralis 2854, 2857, 3204, 3326, 4231,
4241, 4392, 4425, 4778-4779, 6326
Trichobilharzia physellae 1415
Trichostrongylus 851
Trichuris 851, 3693, 5964, 6349
T. trichiura 2218, 5964
visceral larva migrans 4387
Wuchereria bancrofti 503, 544, 855, 942,
1409, 2003, 4228, 4780, 4870, 4967,
5522, 5656, 6321, 6330
Epinephelus alexandrinus*, *Megalocotyloides
***patagonicus* n.sp.** 5632
Episthmium chauhanii, synonym of
Echinochasmus corvus 1806
E. indicum, n.comb., for *Pegosomum*
indicum 2417
Epithelionematobothrium fragile, n.sp., in
Mugil cephalus, in USA (South Atlantic)
3016
Epizootiology (see also Epidemiology)
Acanthocephalus jacksoni 1922
alveolar hydatid 507, 4224
Anatrichosoma buccalis 1719
Ancylostoma caninum 6336
anoplocephalids 1054
Ascaridia 649, 5056, 6092
A. galli 847, 1382, 3675, 4853
Ascaris 1412
A. columnaris 322
A. suum 589, 3701
Avioserpens mosgovoyi 1425
Avitellina 5346
A. centripunctata 1055
Bunodera luciopercae 2912
Camallanus oxycephalus 1424, 2021
cestodes
in *Anser albifrons* 4516
in *Anser caerulescens caerulescens*
4516
in birds 2001
in *Branta bernicla nigricans* 4516
in dog 6071-6072
in fish 2001
in fox 3691
in sheep 4552
Chabertia 859
Clinostomum complanatum 91
Clonorchis sinensis 592
Cooperia pectinata 1408
C. punctata 1408
Cysticercus 1038, 2008
C. bovis 1991, 2097, 3688, 3941, 4237,
5335
C. cellulosa 3941, 6067
C. tenuicollis 6039
Dicrocoelium 1391, 1400, 1403, 4457

Epizootiology contd.

- Dicrocoelium* contd.**
D. dendriticum 111, 1143, 1406,
1419-1420, 3684, 5077, 6350
Dictyocaulus 6341
D. viviparus 843, 3198, 3419, 4998,
5329, 5814
Dirofilaria immitis 2653
D. roemeri 979
Echinococcus 5345
E. granulosus 321, 1204, 3201, 4235,
4245
E. granulosus equinus 6334
E. multilocularis 507, 4224
Fasciola 335, 838, 841, 1994, 3425, 5875
F. gigantica 112, 2646
F. hepatica 330, 1427, 2646, 2893, 3188,
3210, 4243, 5340, 5640, 5965
Fascioloides magna 6332
gastro-intestinal nematodes
in cattle 485, 5814
in sheep 5002, 5814
Gastrothylax 854
G. crumenifer 3211
Haemonchus 5352, 6348
H. contortus 1002, 2005, 2587, 2652,
4222, 4775
helminth ova 830
helminths 4226
in animals 309, 839, 989, 4234, 4239,
5974
in birds 1730, 5322
in *Capreolus capreolus* 3929
in carnivores 4244
in cattle 844, 1050, 2195, 2298, 2785,
5342, 5369
in *Coregonus peled* 3456
in cyprinids 3460
in dog 3963
in domestic animals 337, 2204, 5965,
5977
in domestic & wild animals 4233
in donkey 1661
in fish 1992, 5774
in fowl 1721
in freshwater fish 99, 1737, 2018,
2640, 2931, 3465
in moufflon 576
in mouse 338
in *Ovis ammon musimon* 3929
in pig 46-47, 5959
in predatory birds 2905
in rodents 3212
in ruminants 5106
in *Saiga tatarica* 1050
in sheep 1035, 1050, 2009, 2014, 2195,
2291, 2785, 5369
Hepatojarakus bandicoti 5351
Heterakis 649, 1412, 6092
H. gallinae 3675
& *Histomonas meleagridis* 2961

Epizootiology contd.

- hydatid 224, 321, 1418, 2651, 4235, 4245, 5345
- hymenolepidids 2361
- Hymenolepis* 4225, 5815
- Ligula intestinalis* 1113
- ligulids 2015
- Liorchis scotiae* 1134
- lungworms 3254, 4984
- Marshallagia* 1677
- Metastrongylus* 2302
- microfilariae 2357
- Moniezia* 586, 848, 1399, 1414, 2007, 4467
- M. benedeni* 1056, 5346
- M. expansa* 1416, 5346
- Muellerius* 1776
- nematodes 308
 - in cattle 333, 2202
 - in *Larus canus* 5050
 - in pig 320, 591, 4374, 6335
 - in ruminants 339
 - in sheep 2202
- Nematodirus* 2877, 4461–4462, 5276
- N. battus* 1998
- N. filicollis* 1998, 3689
- Oesophagostomum* 859
- Opisthorchis felineus* 2636, 4240
- Ostertagia* 5276, 5352
- O. circumcincta* 2570, 3200, 3690, 6333
- O. ostertagi* 2647, 4990, 4998, 6339
- paramphistomes 112, 1903
- parasites 5478
 - in animals 3335
 - in carp 6354
 - in freshwater fish 2918
 - in insects 326
- Parelaphostrongylus tenuis* 4464
- Posthodiplostomum cuticola* 3203
- protostrongylids 1044
- Protostrongylus* 5808
- P. hobmaieri* 1049, 1385
- P. kochi* 2936, 5086
- Rhabditis strongyloides* 4764
- Schistosoma bovis* 1148
- S. nasalis* 4236
- Skrjabinema* 6345
- Stephanofilaria* 1041
- Stephanurus dentatus* 1690
- strongyles 313, 332, 1390, 4461
- strongylids 30, 2014, 2643, 3254, 4141, 4990, 5813, 5818
- Strongyloides* 2877
- S. papillosus* 1666
- S. ransomi* 5354
- S. westeri* 4451
- Strongylus vulgaris* 3205, 6030
- Syngamus trachea* 6370
- Taenia hydatigena* 2622, 5519
- T. ovis* 2622
- T. pisiformis* 2622
- taeniids 3357

Epizootiology contd.

- Thaprospirura meltadi* 5351
- Thelazia* 1667
- Thysaniezia* 5346
- Toxocara canis* 3697, 4538
- Trichinella* 324, 1987, 2008, 2793, 2806, 2951, 5806, 6347
- T. spiralis* 327, 1074, 3204, 4241, 4778, 5112
- Trichonema catinatum* 3206
- T. goldi* 3206
- T. longibursatum* 3206
- T. nassatum* 3206
- trichostrongylids 846, 2010, 2638, 3198, 5352, 6348
- Trichostrongylus* 5276
- T. colubriformis* 4775
- Trichuris* 859
- Viannella* 5351
- Eptesicus fuscus*, *Hymenolepis lasionycteridis* n.sp. 5683
- Equines**
 - helminths 1161, 4976
 - mebendazole 4263
 - phenothiazine 3281
 - piperazine 3281
 - Probstmayria vivipara* 29
 - thiabendazole 3281
- Equinurba sipunculiformis*, somatic muscle cells 4612
- Equus przewalskii*, nematodes 3918
- Eremias arguta*, helminths 2333
- Erignathus barbatus nauticus*, helminths 1083
- Erimyzon oblongus**
 - Biacetabulum meridianum* 2343, 6105
 - Isoglaridacris agminis* 2343
 - Monobothrium ulmeri* 2343, 6105
 - Penarchigetes* 2343, 6105
- Erinaceus europaeus*, *Hymenolepis erinacei* 2631, 4216
- Erpobdella octoculata**
 - morphogenesis of genital system 1579
 - physiology of muscle 5488
 - regeneration & acid & alkaline phosphatases 3840
 - ultrastructure of spermatozoa 2158
 - in Yugoslavia, seasonal variation 3843
- E. punctata coastalis*, n.subsp., in USA (South Atlantic) 5934
- E. testacea*, physiology of muscle 5488
- Ershov, V.S., appreciation 5492
- Erysipelothrix insidiosa*, & *Trichinella*, in rat, interaction 4566
- Erythrocebus patas*, *Loa loa* 545, 2153
- Escherichia coli**
 - & *Schistosoma mansoni*
 - in hamster, resistance & lung inflammation 241
 - in mouse, resistance & lung inflammation 241

Esox lucius*Triaenophorus lucii* 1734*T. nodulosus* 3466**Etheostoma caeruleum**, *Piscicola* *reducta* 6476**E. nigrum**, *Gyrodactylus nigrum* n.sp. 141**E. punctulatum**, *Acanthocephalus tahlequahensis* n.sp. 6190**E. spectabile**, *Acanthocephalus tahlequahensis* n.sp. 6190**E. squamiceps**, *Illinobdella moorei* 4906**E. zonale**, *Piscicola* *reducta* 6476**Ethiopia***Echinoparyphium ralphaudyi* n.sp. 153*Schistosoma bovis* 4713*S. mansoni* 1770, 3694, 4950*Wuchereria bancrofti* 5463**Euclinostomum heterostomum**, synonymy 1186**E. skrjabini**, synonym of *Euclinostomum heterostomum* 1186**Eucoleus corvicola**, synonym of *Thominx contorta* 196**E. laricola**, synonym of *Thominx contorta* 196**Eucreadium gangi**, n.sp., in *Trichogaster fasciatus*, in India 1810**Eucryptobdella parva**, n.g., n.comb., for *Chtonobdella parva* 471**Eucyclops serrulatus**

hymenolepidid larvae 5328

Retinometa guberiana 4056**Eudiaptomus gracilis**, *Triaenophorus nodulosus* 5962**Eudiplogaster aphodii**, in *Aphodius fimetarius*, in USA (Pacific), life-history, & morphology 4896**Eudocimus albus**, helminths 3981**Eudrilus eugeniae**, *Toxocara canis* 4538**Eudromia elegans albida**, *Tetrameres tinamicola* n.sp. 2444**E. elegans elegans**, *Tetrameres tinamicola* n.sp. 2444**Eugenuris utahensis**, n.sp., in *Ochotona princeps*, in USA 4062**Euglandina rosea**, *Parabrachylaima euglandensis* n.g., n.sp. 2411**Euleptorhamphus viridis**, *Diplaxine popovae* n.g., n.sp. 139**Eumetopias jubatus**, helminths 3978**Euomphalia rubens**, *Postharmostomum gallinum* 5482**Euparadistomum ambedkari**, n.sp., in *Viverricula indica*, in India 2409**E. falconi**, n.sp., in *Cercheis tinnunculus*, in USSR (Tadzhikistan) 5120**Euparyphium hirundonis**, n.sp., in *Hirundo daurica formosae*, in Taiwan 4575**E. taiwanense**, n.sp., in fowl, in Taiwan 4575**Eupera viridans**, *Gorgoderina rochalimai* 2756**Euphausia pacifica**, *Anisakis*, Type I larvae 1765**E. similis**

cestode larvae 1773

Philometra 5095**Euphausiidae**

acanthocephalan larvae 1774

anisakids 2391

Anisakis, larvae 1765

cestode larvae 1774

Eupolystoma alluaudiin *Bufo regularis*

in Africa, life-cycle 4897

life-cycle & host ecology 2762

Eupomotis gibbosus*Actinocleidus oculatus* 4037*A. recurvatus* 4037**Euproctus montanus**, *Euzetrema knoeppfleri* 138**Europe***Cotylurus (Cotylurus) strigeoides* 3518*Cysticercus* 5525

helminths

in amphibians 80

in *Bison bonasus* 2286

in mammals 5686

in man 2282

in wild animals 1591

Hymenolepis 2938

nematodes, in sheep 3925

paramphistomes 5132

Rhabdochona 4066*Taenia* 5525**Eurycephalus dogieli**, in *Ixobrychus minutus*, in USSR (Tadzhikistan), morphology 2338**Eurymermis tuberculata**, in vitro, culture 110**Eurytrema**

in cattle, in USSR (Far East), chemotherapy 4827

in ruminants, in USSR (Far East), morphology 6170

in sheep, in USSR (Far East), chemotherapy 4827

E. coelomaticum, synonym of *Eurytrema pancreaticum* 6170**E. media**, synonym of *Eurytrema pancreaticum* 6170**E. pancreaticum**in *Bradybaena*, in USSR (Far East), development & temperature 6317in *Bradybaena lantzi*, development 465 in cattle

pancreas weight & worm burden 755 in USSR (Far East), biology of intermediary 6124

in *Conocephalus*, in USSR (Far East) 6124

glycogen metabolism 1961

lipid analysis 5790

Eurytrema pancreaticum *contd.*

lipids 1378

synonymy 6170

Eustoma, in man, life-history, morphology, & taxonomy 520**Eustrongylides**, in *Salmo trutta*, in Britain, distribution, & pathogenicity 5634**E. excisus**, in sturgeon, in Iran, food chain 4528**E. wenrichi**in *Gambusia affinis*, in USA (West South Central) 82in *Rana catesbeiana* 82**Eutetrarhynchidae**, diagnosis emended 164**Eutetrarhynchus litocephalus**, n.sp., in *Mustelus californicus*, & *Triakis semifasciata*, in Mexico 164**E. macrotrachelus**, n.sp., in *Mustelus californicus*, in USA (Pacific) 164**E. schmidtii**, n.sp., in *Rhinobatos productus*, & *Urolophus halleri*, in USA (Pacific) 164**Euzetrema knoeffleri**, oncomiracidia, in *Euproctus montanus*, structure of eyespots 138**Evolution**

Acuariidae 177

Allocreadioidea 144

Anoplocephalidae 6185

Anoplostrongylus (Tupaiostrongylus) liei 699

bothriocephalids 3838

cestodes 462, 2157

Cyclocoelata 1184

helminths 2798, 3314, 3317, 3443, 6474

Hepatojarakus malayae 699

Hirudinea 3322

Mazocraeidea 3516

nematodes 2771, 5484

Nycteridostrongylus (Petiellus) petersi 699

parasites, in animals 3319

Plagiorchiata 2754

Rhabdochonidae 5163

Schistosoma haematobium 5353*S. intercalatum* 5353*Spirura* 5180

trematodes 3191

Trichospirura 5163

Uncinariinae 5162

Falco mexicanus*Cladotaenia globifera* 615

helminths 615

Neodiplostomum spathula 615**F. tinnunculus**, helminths 3447**F. vespertinus**, helminths 3447**Falconiformes**, helminths 1091**Far East**, monogeneans 963**Fasciola** (see also Liver-fluke)

antigens, in rabbit, effect on heart 1918

in buffalo, in Bulgaria, nitroxylin eglumine 5419

Fasciola *contd.*

in camel, in USSR (Uzbekistan), incidence 5570

in cattle

biochemistry of liver & nutritional value 4716

in Britain, incidence forecast by meteorology 335

bromosalicylanilides 4373

chemotherapy 4796

control 2035

economic loss 4151

in France, general account 6034

in German Federal Republic, diagnosis 6449

in Hungary

niclofolan 3810

prophylaxis 1487

immunopathology 3157

in Japan

incidence 2746

niclofolan 2727

liver decomposition after slaughter 4717

migration inhibition test 4373

milk production 4724

Nilzan 4373

ornithine carbamoyltransferase activity 267

oxyclozanide 4373

in Poland

ecology 3412

niclofolan 2037

tribromsalan 2106

in Uganda, chemotherapy & economic loss 4133

in USSR, economic loss 3248

in USSR (Belorussia), distribution & incidence 39

in USSR (European)

bithionol sulphoxide 5457

economic loss 582

in USSR (Lithuania), control, & incidence, reviewed 1440

in USSR (Ukraine)

Bitifen 2094

Bitifen & milk & meat quality 1493

carbon tetrachloride 4306

chemotherapy 1525, 2095

incidence 5875

in USSR (Uzbekistan)

age & seasonal variation 838, 1994

incidence 1663

outbreak 5569

vaccination 2471

in Yugoslavia, local survey 4981

cercariae, technique for detecting, emergence in rice fields 4337

in diagnosis by IT 5699

& hydatid, in man, concomitant infection 1611

Fasciola contd.

- in *Lymnaea truncatula*
 - in USSR (Ukraine), incidence 5875
 - in Yugoslavia, local survey 4981
- in *Macaca*, susceptibility 2278
- in man
 - allergy 5244
 - bithionol 947
 - case reports 2813
 - chemotherapy 412
 - diagnosis 2217
 - diagnosis by precipitation test 5202
 - diagnosis by X-ray 1012
 - in Iran, incidence 501
 - in Japan, heterotopic infection 555
 - pathology of liver & pancreas 1905
 - in USSR, case reports 4416
 - in USSR (Georgia) 3893
 - control 1492
 - in USSR (Tadzhikistan),
 - hexachloroparaxylylene 4280
 - in USSR (Uzbekistan),
 - hexachloroparaxylylene 3220
- in molluscs, incidence forecast by meteorology 841
- in monkey, experimental 564
- neuromuscular regulation 295
- ova
 - in cattle faeces, technique for detecting 1556
 - in faeces, technique for concentrating, compared 949
 - technique for recovering 2746, 3303
- phospholipid membrane as model for studying efficacy & toxicity of anthelmintics 5409
- in pig, diagnosis by flocculation test 3106
- proline synthesis 4193
- in rabbit
 - blood picture 4373
 - haematology 5742
 - haematology & immunology 223
 - serum antibodies 5698
- in rat
 - ornithine carbamoyltransferase activity 267
 - pathogenicity 5961
 - trichlorphon 5971
 - vaccination 2471
- in ruminants
 - in Iran, incidence 501
 - in USSR (European), control of intermediary 374
 - in USSR (Uzbekistan), economic loss 1891
- in sheep
 - abomasal secretion 3613
 - anthelmintics & orotic acid treatment 1536
 - blood chemistry 1890
 - blood picture 4373

Fasciola contd.

- in sheep contd.
 - in Britain, incidence forecast by meteorology 335
 - in Bulgaria
 - nitroxynil 4252
 - nitroxynil eglumine 5366
 - carbon tetrachloride plus orotic acid 1535
 - chemotherapy 4796
 - reviewed 420
 - control 2035
 - diphenyl sulphides 1446
 - eosinopenic reaction 1881
 - haematology & immunology 223
 - hexachloroparaxylylene 932
 - host vitamin A content 1340
 - in Hungary
 - diamphenethide 420, 4839
 - prophylaxis 1487
 - immunopathology 3157
 - in Ireland, control 500
 - in Netherlands, incidence forecast 4295
 - pathogenicity, & economic loss 3416
 - precipitation reaction 3019
 - serodiagnosis 4129
 - in USSR
 - chemotherapy 1436
 - economic loss 3248
 - niclofolan 1511
 - pathology 1327
 - in USSR (European)
 - chemotherapy 4281
 - control 2110
 - economic loss 582
 - in USSR (Lithuania), control, & incidence, reviewed 1440
 - in USSR (Siberia)
 - age & seasonal variation 3425
 - chemotherapy 2114, 3261
 - in USSR (Ukraine)
 - blood changes 793
 - chemotherapy 416, 1525, 2095
 - chemotherapy & control of intermediary 2093
 - in USSR (Uzbekistan)
 - age & seasonal variation 838, 1994
 - incidence 1663
 - outbreak 5569
 - vaccination 2471
 - in Yugoslavia
 - control, incidence, & pathology 2873
 - local survey 4981
 - in USSR, control of intermediary 941
- F. gigantica**
- antigen analysis 3062
 - carbohydrate metabolism 4739, 5285
 - in cattle
 - adult fluke material not conferring immunity 1604

***Fasciola gigantica* contd.**in cattle *contd.*

blood chemistry 1890

blood picture 1293

in Iran, pathology of gall bladder 756

in Iraq, pathology of gall bladder 756

in Madagascar, chemotherapy 1480

in Mozambique, survey 2867

in Niger, epizootiology 112

pathology 4147

pathophysiology 1907

in Sudan, pathology 2547

in Uganda, chemotherapy 912

in USSR (Uzbekistan), local variations

3410

in *Lymnaea*

in China (South) 2646

self-cure, discussed 3596

in *Lymnaea cailliaudi*, in Egypt,

development, & morphology 1129

in *Lymnaea natalensis*, morphogenesis

5479

in *Lymnaea ovata*, technique for

collecting, adolescariae 5920

in *Lymnaea truncatula*, in Egypt,

development, & morphology 1129

in man, in Madagascar 2255

metacercariae, activation by carbon

dioxide & bile 5295

in mouse, chemotherapy 360

neurosecretory cells 820

& *Paramphistomum cervi*, in cattle, in

Nigeria 1039

in ruminants, in China (South),

epizootiology, & life-history 2646

in sheep

chemotherapy & serum enzyme activity

2032

diagnosis by FAT 4689

in Egypt, chemotherapy 1479

pathophysiology 1907

serum proteins 3621

in USSR (Uzbekistan), local variations

3410

in zebu

acquired immunity 1227

in Chad, rafoxanide 5904

F. hepatica

acetylcholinesterase activity 5962

amino acid incorporation into antigens

5288

anomalous specimen 1805

anthelmintics & spermatogenesis 937

antigen analysis 3062

arginine metabolism 296

in Australia, new intermediary 2372

& bacteria

in cattle 133

in sheep, antibiotics plus carbon

tetrachloride 870

& cancer, in cattle 1352

***Fasciola hepatica* contd.**

carboesterase & leucine aminopeptidase

activities 1963

in cattle

in Argentina, general account 3922

in Australia, prenatal infection 4465

in Britain

control, reviewed 2029

economic loss 4143

incidence 2205

incidence forecast 4935

repeated chemotherapy 3297

chemotherapy 1504, 5872

chemotherapy & milk yield 271

in Cuba, incidence 3927

in Czechoslovakia

bithionol sulphoxide 4806

niclofolan 4806

diagnosis by defined antigen substrate

spheres 219

diagnosis by sedimentation method

5970

4,4'-diaminodiphenylsulphide 3716

diamphenethide & its deacetylation

3715

epizootiology 5965

histamine release by sensitized

leucocytes 1849

histopathology of liver 6285

host intestinal bacteria 4373

host nutrition 6498

in Iran, pathology of gall bladder 756

in Iraq, pathology of gall bladder 756

irradiated larvae conferring immunity

1865

in Italy, local survey 2296, 4459

in Mexico

chemotherapy 3775

diagnosis by IT & coproscopy,

compared 3821

pathogenicity of attenuated

metacercariae 2546

pathophysiology 1907

in Poland

oxyclozanide plus tetramisole 5835

survey 5965

rate of egg production 4922

in Rumania, nitroxylin 5387

serodiagnostic tests compared 6262

sialic acid & serum proteins 1928

in South Africa, rafoxanide 5444

in Switzerland

chemotherapy 1520

distribution, & incidence 577

in Taiwan, survey 934

in Tunisia, incidence, & chemotherapy

5957

in USSR, economic loss 3210

in USSR (European), bithionol

sulphoxide 2103

in USSR (Uzbekistan), local variations

3410

***Fasciola hepatica* contd.**

- in cattle *contd.*
- in Yugoslavia, oxytocanide 6416
- & *Cercaria lymnaeae truncatulae*, in *Lymnaea truncatula*, antagonism 3804
- cercariae
 - histochemistry 813
 - oxidative enzymes 4190
- in *Cervus nippon hortulorum*, bithionol sulphoxide 4805
- control, & ecology, discussed 1388
- control of intermediaries 658
- & *Cotylophoron cotylophorum*
 - in cattle, technique for differentiating 954
 - in snails, technique for differentiating 954
- cyclic AMP phosphodiesterase activity 2618
- cyclic AMP, serotonin & motility 1964
- in *Dama dama*, bithionol sulphoxide 4805
- development & ultrastructure 2399
- in domestic ruminants, in Czechoslovakia, control, (booklet) 1598-1599
- egg output/worm 2146
- electron & hydrogen transport systems in mitochondria 1945
- embryology & hatching 2144
- enzyme inhibition by aromatic sulphides, sulphoxides & sulphones 3225
- enzymes of β -oxidation 4174
- in freshwater molluscs, host location & penetration by miracidia 4214
- fumarate reductase activity 5319
- in *Galba truncatula*
 - in USSR (Siberia)
 - histology of liver 280
 - seasonal variation 4243
- in game animals, in Czechoslovakia, control, (booklet) 1598-1599
- & gastro-intestinal nematodes, in sheep, mebendazole 898
- glucose phosphorylation 5291
- glycogen metabolism 1370
- glycogen & shell-protein synthesis 4748
- in goat, pathology of liver 2803
- in guinea-pig, immunization 1850
- hatching & carbon dioxide 812
- histochemistry & ultrastructure of glycocalyx of tegument 4586
- & hydatid, in man, case report 4413
- in vitro
 - carbon tetrachloride 5969
 - carbon tetrachloride & glucose consumption 5358
 - diphenhydramine & motor activity 1368
 - glycols 5969
 - histamine & motor activity 1368
 - hydrazine derivatives 5969

***Fasciola hepatica* contd.**

- incidence forecast by meteorology 330
- inhibition of malate dehydrogenase by anthelmintics 3258
- inhibition of synthesis of secretory bodies 4749
- intraspecific variations & taxonomy, discussed 5135
- lipid metabolism 2607
- in *Lymnaea*
 - in China (South) 2646
 - in Czechoslovakia, survey 4551
 - ecology 4540
 - self-cure, discussed 3596
 - susceptibility 5094
 - in USSR (European) 123
- in *Lymnaea auricularia*, experimental infection 4022
- in *Lymnaea cailliaudi*, in Egypt, development, & morphology 1129
- in *Lymnaea cubensis*, host cryptobiosis 5640
- in *Lymnaea diaphana*, in Peru 2381
- in *Lymnaea peregra*, experimental infection 4022
- in *Lymnaea stagnalis*, development, experimental 5965
- in *Lymnaea truncatula*
 - cercarial shedding & temperature 4212
 - in Egypt, development, & morphology 1129
 - in France, host ecology 5652
 - incidence, & host ecology 3210
 - parthenogenesis 4891
 - stimulation of daughter redia production 5928
 - in USSR (Kirgizia), development, & ecology 833
 - in USSR (Ukraine), ecology 3681
- in *Lymnaea viator*, in Peru 2381
- in man 2849
 - in Australia, case report 3915
 - in Britain, case report 2220
 - diagnosis by counterelectrophoresis 1241
 - diagnosis by defined antigen substrate spheres 219
 - in France, localization in lung 4411
 - in Poland, case report 3629
 - pulmonary manifestations 4702
 - in Turkey 4400
- metacercariae
 - in *Lymnaea cubensis*, in Bolivia 1427
 - in *Lymnaea viatrix*, in Bolivia 1427
 - in mouse, technique for determining, infectivity 2138
 - oxidative enzymes 4190
 - in Poland, survival 5965
- miracidia
 - anthelmintics & enzyme activity 6396
 - fenthion & oxygen consumption 3226

***Fasciola hepatica* contd.**

- miracidia contd.
 - in *Lymnaea truncatula*, infectivity & environmental factors 2359
- metam-sodium & oxygen consumption 3226
- morphological adaptations to penetration 4050
- in mouse, technique for labelling 5467
- oxidative enzymes 807, 4187
- pesticides 2684
- phosphatases 3652
- in molluscs, development, & host specificity, discussed 3500
- monosaccharide incorporation 5294
- morphogenesis of tegumental surface 2400
- in mouse
 - development of tegument 2145
- diamphenethide & its deacetylation 3715
- immunization 2478
- pre-hepatic immune response 4096
- movement, sensory endings, & surface features of newly excysted juvenile 2401
- in mule, in India, pathology of liver 1347
- neurosecretory cells 820
- in *Odocoileus hemionus columbianus*, development, & pathogenicity 583
- in *Odocoileus virginianus*, histopathology, & susceptibility 4985
- ova
 - sodium salt of dimethyl-4-chlorophenoxy acetic acid & embryonic development 4820
 - trichlorphon & embryonic development 4820
- in *Ovis musimon*, bithionol sulphoxide 4805
- in *Ovis orientalis severtzovi*, in USSR (Uzbekistan), new record (h.) 5003
- oxidative enzymes 1952
- & *Paramphistomum microbothrium*, metacercariae, *in vitro*, technique for differentiating 2141
- parthenitae
 - in molluscs, development & host connective tissue 978
 - ultrastructure of glands 3523
- on pasture, in USSR (European), incidence forecast 3188
- phosphoenolpyruvate metabolism 1369
- phospholipid composition & metabolism 1365
- phosphopyruvate-carboxylase 3643
- in *Physa venustula*, in Peru 2381
- polar lipids 4751
- protein content of cuticular spines 1962
- protein synthesis 1948

***Fasciola hepatica* contd.**

- pyruvate kinase & phosphoenolpyruvate carboxykinase regulation 5303
- in rabbit
 - aminotransferase activity & regenerative treatment 3801
- anthelmintics
 - mode of action 1484
 - screened 2067
- chemotherapy & serodiagnosis 5206
- in Chile, local survey 2893
- development, experimental 5965
- diagnosis by counterelectrophoresis 1241
- diagnosis by defined antigen substrate spheres 219
- diamphenethide & its deacetylation 3715
- lymphocyte transformation 2463
- in rat
 - acquired immunity & implantation 2455
 - acquired immunity & lymph node response after implantation 2486
- anthelmintics
 - screened 2067
 - tested 379
- development of resistance 216
- diamphenethide & its deacetylation 3715
- immune response 2803
- immunosuppressants 4635
- laboratory model for testing fasciolicides 5878
- splenectomy & acquired immunity 728
- susceptibility & acquired resistance of host strains 4098
- technique for measuring bile flow 957
- rediae
 - histochemistry 813
 - oxidative enzymes 4189
- in ruminants
 - biological control of intermediary 5520
- in Bolivia, epizootiology, & incidence 1427
- in China (South), epizootiology, & life-history 2646
- in Iran, technique for detecting 952
- in Rumania, control 904
- in USSR (European), hexachloroparaxylene 3814
- & *Salmonella dublin*
 - in cattle
 - in Ireland 677
 - synergism 2803, 3509
- in sheep
 - aminotransferase activity & regenerative treatment 3801
- anthelmintics, mode of action 1484
- in Australia, general account 2878

***Fasciola hepatica* contd.**

in sheep contd.

in Britain

chemotherapy, & incidence forecast
4935

control of intermediary 4257

economic loss 4143

incidence 2205

repeated chemotherapy 3297

carbon tetrachloride plus *N,N'*-
diphenyl-*p*-phenylene diamine 2033.
4273

chemotherapy 2662, 3776, 5432, 5872

in Cuba, pathogenicity 1901

development, & pathogenicity 583

4,4'-diaminodiphenylsulphide 3716

diamphenethide & its deacetylation
3715

fenbendazole 1452

general account 5006

haematology & protein diet 4704

immunology 738

in New Zealand, epizootiology 5340

nitroxylin 3797

pathology of challenge infections 2528

pathophysiology 1907

in Poland, chemotherapy 376

rate of egg production 4922

in Sardinia, rafoxanide 2030

serodiagnostic tests compared 6262

toxicity of carbon tetrachloride &
carbon tetrachloride plus
antioxidant, compared 2700in Tunisia, incidence, & chemotherapy
5957

in USSR

acemidophen 5906

economic loss 3210

in USSR (Lithuania), niclofolan 1543

in USSR (Ukraine)

economic loss 4794

hexachloroparaxylylene 4794

in USSR (Uzbekistan)

chemotherapy 5836

local variations 3410

weight gain 4142

weight loss & protein diet 4704

wool production 4707

in snails, technique for studying, by

radiolabelling 5467

sporocysts, oxidative enzymes 4188

in *Stagnicola palustris*, in Czechoslovakia,
survey 4551

structure of nervous system 1799

ultrastructure of male reproductive system
2422***Fascioloides magna***in cattle, in USA (West South Central),
incidence, & epizootiology 6332in *Cervus elaphus*, in Italy 5578***Fascioloides magna* contd.**in *Odocoileus virginianus*

histopathology, & susceptibility 4985

in USA (West South Central),

incidence, & epizootiology 6332

in pig, in USA (West South Central),

incidence, & epizootiology 6332

in ruminants

experimental 6332

growth & development, compared
4986in *Sus scrofa*, in USA (West South
Central) 6053***Fasciolopsis buski***

lipid content 3665

in man

in Bangladesh, local survey 16

in China (Macao), epidemiology 325

in India, chemotherapy 3231

Felidae*, *Spirometra mansonoides* 1986**Felis catus*, *Paragonimus inca* n.sp. 4580*****F. (Lynx) canadensis***

mebendazole 2082

Troglostrogylus 2082***Fergusobia*, transferred to Neotylenchidae
3861*****Fernandezia indica*, in birds, in USSR
(Ukraine), new record (g.) 71*****Ferrissia clessiniana*, *Schistosoma****haematobium* 4547***F. rivularis*, *Cercariaeum* type III 4044*****Fijidbella bilobata*, n.g., n.comb., for
Haemadipsa bilobata 471****Filariids**& AB blood groups, heterologous
antigenicity 1239in *Aedes togoi*, in USSR (Azerbaijdzhan),
morphology 5083

animal models 4024

corrigendum 4356

in animals

chemotherapy, reviewed 1454
& man

bibliography 2378-2379

immunology, reviewed 4682

pathology, compared 252

in *Anopheles hyrcanus*, in USSR (Far
East) 5083in *Anopheles maculipennis*, in USSR (Far
East) 5083in birds, in Spain, vector relationships
5518in Cervidae, distribution of microfilariae
in skin 5582

control of vectors 4822

in *Culex pipiens fatigans*, in India, local
survey 4971

in deer, host specificity 2876

in dog, in Philippines, not found 593

in domestic animals, in Nigeria,
prevalence 2209

Filariids *contd.*

- & host muscle, heterologous antigenicity 1239
- in insects
 - genetics of resistance, reviewed 4628
 - resistance, reviewed 4668
- & leprosy, in man, Mazzotti reaction 4658
- in mammals
 - listed 4391
 - in Spain, vector relationships 5518
- in man
 - in Africa, control programme 3238, 4790
 - in America, distribution 1393
 - animal models 3864
 - chemotherapy 5371
 - discussed 5437
 - reviewed 1454, 5386, 5411
 - in China, control 2654
 - control
 - & epidemiology 927, 4391
 - reviewed 891
 - control programme 5883, 6363
 - diagnosis, & neuropathology 2822
 - general account 3901, 4946
 - in India
 - haematuria 1639
 - local survey 4971, 5344
 - localization 2262
 - problem in armed forces 27
 - in Korea, epidemiology 2645
 - limitations of FAT 1239
 - listed 4391
 - lymphography & chyluria 5848
 - in Maldives, control of vectors by
 - larvivorous fish 3296
 - microfilarial density & control 2013
 - & mosquito, bibliography 4548
 - nuclear research recommendations 4395
 - pathology 2863
 - pathology of nervous system 2828
 - prevalence & man-made lakes 2002
 - in Saudi Arabia 2851
 - serodiagnosis 1859
 - reviewed 4077
 - technique for diagnosing 4330
 - in Thailand, possible transmission 4446
 - transmission by blood transfusion 3700
 - in tropics, review 1404
 - in Upper Volta, microfilarial periodicity 3384
 - in USSR (European), exotic infections 568
 - vector control, theoretical
 - considerations 5453
 - in West Africa, diagnosis by FATI 1869
 - zoonoses 1334

Filariids *contd.*

- in man *contd.*
 - zooprophylaxis 2511
- in mosquito 2380
 - control, reviewed 891
 - population dynamics 2013
 - resistance, reviewed 4693
 - in Thailand, discussed 4446
- in *Simulium kenya*, in Liberia 2933
- in wild animals 4386
- Filaroides hirthei***, n.sp., in dog, in USA (North Atlantic) 1834
- F. milksi***
 - in dog
 - in Japan 607
 - new record (g.) 6073
 - in USA, fatal case & histopathology 770
- F. osleri***, in dog, diagnosis & treatment, reviewed 2034
- Fimbriaria fasciolaris***
 - in *Acanthodiptomus denticornis*, in USSR (Kazakhstan), new record (h.) 2361
 - in *Anas platyrhynchos platyrhynchos*, in Japan, morphology 5152
- Finland**
 - helminths, in rodents 5613
 - larva migrans 1018
 - Parafilaria multipapillosa* 6028
- Fish**
 - anisakids 1110–1111, 3207–3208, 4889
 - Anisakis* 2232
 - Azygia lucii* 689
 - A. robusta* 689
 - Bothriocephalus* 88
 - Bucephalus marinum* 4890
 - caryophyllids 6322
 - Cercaria rhionica* XII 4339
 - Clonorchis sinensis* 592
 - Contracaecum spasskii* 1569
 - Cryptocotyle lingua* 3139
 - Dactylogyrus* 88
 - Gyrodactylus luciopercae* 5973
 - helminths 89, 107, 457, 1003, 1118, 1421, 1736, 1741, 1751, 1992, 2337, 2341, 2542, 2545, 2800, 2919, 3118, 3457, 3748, 3853, 3993, 4297, 4375, 5774
 - Hirudinea 1114, 2545, 2930
 - Khawia sinensis* 4304
 - monogeneans 963
 - Opisthorchis* 4556
 - O. felineus* 1, 1117
 - parasites 1747, 2341, 2923, 3039, 3455, 4113, 4526, 5980, 6110, 6113
 - Posthodiplostomum cuticola* 3203
 - Rhabdochona* 4066
 - Stephanostomum baccatum* 3139
 - technique for administering, anthelmintics 1490
 - trematodes 314, 2914, 4199, 4583

Fish contd.

trichlorphon 2113

Fish farms*Acanthocephalus opsariichthydis* 5420*Bothriocephalus* 1538*B. gowkongensis* 1490, 1742, 2342, 2913,
2917, 3266, 4525*B. opsariichthydis* 2588, 2710*caryophyllaeids* 2352*Cleidodiscus* 1477*Dactylogyrus* 1477, 2683*D. anchoratus* 2913*D. aristichthys* 4722*D. extensus* 2913, 5633*D. lamellatus* 2913, 4722*Diplostomum pusillum* 1815*Gyrodactylus* 1477helminths 1737, 1744, 2916, 2929, 4297,
4304in *Abramis brama* 631

in carp 2347, 3288, 3469

in *Coregonus peled* 3288, 3456in *Ctenopharyngodon idella* 1735

in cyprinids 3460

in *Cyprinus carpio* 631

in fish 3748

in freshwater fish 2117

in *Ophicephalus argus* 2924in *Pleuronectes platessa* 6109in *Salmo gairdnerii* 90in *Salmo salar* 4934in *Salmo trutta* 90in *Salvelinus fontinalis* 90

Hirudinea 2924

Khawia 1164*K. sinensis* 4304*Ligula* 2911

monogeneans 2113

parasites 86, 4526

in *Lucioperca* 5075

in mugilids 105

in *Rutilus rutilus heckeli* 5075

in salmonids 991

Pseudorhadinorhynchus samegaiensis
5420*Sanguinicola inermis* 5885*Triaenophorus nodulosus* 3466

in USSR (Siberia), (book) 3868

Fish, freshwater

acanthocephalans 4522

Acanthocephalus, n.sp., [not named] 170*A. parksdei* 1823*Allocreadium* 3522, 4577*Apophallus donicus* 2425*A. muehlingi* 2425*Asymphyllodora* 4577*Azygia lucii* 4578

bothriocephalids 3838

Bothriocephalus gowkongensis 1742,
2342*Camallanus oxycephalus* 2021*Cercaria stephanocauda* 5480**Fish, freshwater contd.**

cestodes 96, 1745, 4522

Clonorchis sinensis 2243, 2353, 6104*Crowcrocaecum* 4577*Dactylogyrus extensus* 2345*Digramma* 863*Diphyllobothrium ditremum* 1200*D. vogeli* 1200*Diplostomum* 1739, 2348, 3999*D. spathaceum* 5630*Gyrodactylus* 3462

helminths 99, 103, 108, 307, 318,

637-638, 1107, 1121, 1737, 1744, 2018,

2117, 2344, 2549, 2640, 2915-2916,

2920-2921, 2927, 2931, 3123,

3452-3453, 3463, 3465, 3468, 3830,

3995, 4524, 4912, 5068, 5071, 5074,

5966, 6112, 6489

Hirudinea 637, 2915, 4906, 4912, 5071,

6477, 6489

Leucorhynchus micropteri 5480*Ligula intestinalis* 5631

ligulids 2015

metacercariae 1808

monogeneans 101, 1793, 2339, 2345

Neascus brevicaudatus 2349

parasites 86, 766, 1976, 2349, 2918, 5972

Phyllodistomum 4577*Pilum pilum* n.g., n.sp. 5159*Plagioporus* 4577*P. shawi* 2760*Pomphorhynchus laevis* 2346, 4210*Posthodiplostomum minimum centrarchi*
4893*Sanguinicola* 2923

trematodes 3459

Fish, marine*Acanthogalea palinurichthydis* n.g., n.sp.
5671

anisakids 2391, 6114

bothriocephalids 3838

Bothriocephalus scorpii 4053, 5148*Capillaria carangi* n.sp. 5179*Cryptocotyle lingua* 2563, 3148

digeneans 5670, 5676

diphyllobothriid larvae 2928

Discoverytrema markowskii n.g., n.sp.
5671*Gonocerca* 4076*Hammatopeduncularia arii* 140helminths 641, 1121, 1748, 1990, 2922,
3461, 3872, 4532

monogeneans 3517, 5632, 5670

Neogrubeeae stomatae n.sp. 5670*Neolebouria georgiensis* n.sp. 5671

parasites 97, 1976

Pavlovskioides prudhoei n.sp. 5670*Podocotyle* 4076*Pseudohaliotrematoides bengalensis* n.sp.
140*Rhipidocotyle adbaculum* 1187*R. baculum* 1187

- Fish, marine contd.**
 stronglylids 6201
 trematodes 1394
Uvulifer ambloplitis 2563, 3148
- Flea, *Heterotylenchus pawlowskyi*** 1132
- Flies, *Hymenolepis nana*** 5343
- Flumenicola virens*, *Palaeorchis problematicus*** 4047
- Fodder, helminth ova** 830
- Fog fever**
 & *Dictyocaulus viviparus*
 in cattle
 in Britain
 reviewed 4697
 (thesis) 5503
- Foleyella flexicauda***
 in *Aedes triseriatus*, pathogenicity 4533
 in *Culex territans*, pathogenicity 4533
- F.* (*Waltonella*), nom.nov., for *Foleyella* (*Waltonia*)** 203
- F.* (*Waltonia*), to *Foleyella* (*Waltonella*), nom.nov.** 203
- Formica***
 control by insecticides 3283
Dicrocoelium 1391
D. dendriticum 111, 1143, 1406, 1420, 2755, 3283, 5650
- F. pratensis*, *Dicrocoelium dendriticum*** 6133
- F. rufa***
 control by hexamethyltriamine phosphate 1494
Dicrocoelium dendriticum 1494
- Formosa (see Taiwan)**
- Fowl**
Amidostomum 1102
Amoebotaenia cuneata 5060
 anthelmintics 669, 1432, 3799, 5061
Ascaridia 649, 1085, 1089–1090, 1102, 1253, 1281, 1412, 3052, 5056, 5058, 5263, 5326, 5622, 5857, 5983, 6092
A. galli 847, 1319, 1921, 3450, 3675, 3988, 4737, 4853, 5289, 5777, 6225
 & *Eimeria tenella* 5114
 & *Heterakis gallinae* 1300
 & viruses 6153
Ascaris suum 3154
 bithionol sulphoxide 1436
Butea frondea extract 2688
Capillaria 5857
C. obsignata 617
Carneophallus brevicaca 2763
Choanotaenia infundibulum 4517
 cobalt nitrite 4861
Cotugnia digonopora 5059
 destonate-20 6393
Echinochasmus corvus 1806
Echinoparyphium flexum 4183
E. recurvatum 6465
E. taipeiense n.sp. 4575
Echinostoma revolutum 6465
Euparyphium taiwanense n.sp. 4575
- Fowl contd.**
 fenbendazole 2048
 gastro-intestinal helminths 5966
Gigantobilharzia 5668
 n.sp., [not named] 6175
 helminths 66–67, 73, 75, 860, 1097, 1386, 1721, 1727, 1788, 2697, 2901, 2903–2904, 4375, 4507, 5057, 5059, 5109, 5623, 5901, 5956, 6091, 6093, 6413
Heterakis 649, 1085, 1089–1090, 1102, 1330, 1412, 5054–5055, 5622, 5857, 6092
H. gallinae 1533, 3675, 3986
 & *Ascaridia galli* 1300
 & *Histomonas meleagridis* 6151
 & *Parahistomonas wenrichi* 1790
 hygromycin B 1488, 5846
 levamisole hydrochloride 3759
 mebendazole 443, 2048
 naphthalophos 5410
 niclosamide 4517
 parasites 3985, 5619
 parbendazole 6367
 phenothiazine 1085, 1533, 6351
 phenothiazine plus piperazine hexahydrate 4258
 phenothiazine plus thiofuradene 2698
Philophthalmus galli 4587
P. nyrocae 4338
P. rhionica 3836
 piperazine 1085, 4253, 6351
 piperazine adipate 4315
 piperazine citrate 344, 392, 5298
 piperazine hexahydrate 344, 392, 3761, 5298
 piperazine hydrochloride 4288
 piperazine salts 344, 392, 847, 5298
Prosthogonimus anatinus 2973
P. cuneatus 2973
 pyrantel tartrate 6405
Railletina 776
R. cesticillus 2477
R. echinobothrida 977, 4004, 5061
R. sibirica 977
R. tetragona 977, 1261, 4004, 4723
 & viruses 6153
 sodium chloride 4861
 sodium selenite 4861
Sphaeridiotrema globulus 1577
Subulura brumpti 456
Syngamus 5966
S. trachea 1566, 1720
 tetramisole 443, 3249
 tetramisole hydrochloride 938, 4288, 6351
 thiabendazole 4288
 thiofuradene 2698, 4315, 6351
 tin arsenate 2063
 toxicity
 of naphthalophos 5410
 of trichlorphon 2096, 3752, 4250

Fowl contd.

- Toxocara canis* 3154
 Tremanol 4314
Trichinella pseudospiralis 2909
 trichlorphon 2096, 3752, 4250
Trichostrongylus tenuis 5060, 6085
 zinc sulphate 4861

Fox

- anthelmintics 2675
 bephenium hydroxynaphthoate 2073
 cestodes 3691
Echinococcus granulosus 4235
E. multilocularis 507
 hexachloroparaxylene 2073
 mebendazole 4374
Mesocestoides lineatus 1073
 nematodes 1701
Opisthorchis felinus 2386
 piperazine adipate 2073
Toxascaris leonina 1073
 trematodes 2307
Trichinella 1073, 5806, 6329

France

- Actinocleidus oculatus* 4037
A. recurvatus 4037
 alveolar hydatid 4793
 anisakid larvae 2228
Anomotaenia constricta 2429
 brachylaimoid cercariae 143
 cestodes, in sheep 3809
Clonorchis sinensis 3898
Dendroterina ixobrychi n.sp. 3338
Dicrocoelium dendriticum 5077
Fasciola 6034
F. hepatica 4411, 5652
 gastro-intestinal nematodes, in pig 6056
Heligmosomoides glareoli 1711
 helminths
 in *Ovis ammon musimon* 5000
 in pig 5959
 in rodents 1711
 in *Rupicapra rupicapra* 5000
 in *Sorex* 1711
Hymenolepis diaphana 2938
H. furcata 2938
H. schaldybini 2938
Hyostrongylus rubidus 4475, 6056
Lemuricola (*Rodentoxuris*) *sciuri* 1840
Maritrema oocysta 3309
Mastophorus muris 3483
Melolonthinimermis hagmeieri 647
Molinosstrongylus panousei 701
Oesophagostomum dentatum 4070
O. granatensis 4070
O. quadrispinulatum 4070
 parasites, in Siphonaptera 5079
Schistosoma 2817
S. haematobium 3383, 4394
S. mansoni 4394
 strongyles 905
Strongyloides stercoralis 2644, 3881, 6004

France contd.

- Thysanosoma actinioides* 2287
 veterinary parasitology 2165
Freitasia, synonym of *Trichospirura* 4066

French Guiana

- Cucullanus bagre* n.sp. 198
Dichelyne spinicaudatus n.sp. 198
Guyanema seriei n.g., n.sp. 197
 nematodes, in *Metachirops opossum* 182
Spirocammallanus krameri n.sp. 197
Travassostongylus paraquintus n.sp. 182
Viannaia metachirops n.sp. 182

Frog

- Cosmocerca brasiliensis* 6193
 helminths 1421

Fruit

- Ascaris*, ova 1423
 helminth ova 5338, 6340

- Fuhrmannodes talboti**, n.sp., in
Protemnodon agilis, in New Guinea 1819

Fulca americana

- Cyclocoelum mutabile* 4894
 helminths 6088
Polymorphus minutus 6088

F. atra

- Dendritobilharzia anatinarum* 1723
D. pulverulenta 5126
Diorchis brevis 3676
D. inflata 3676
D. ransomi 3676

Fulmarus glacialis

- Tetrabothrius minor* 317
T. procerus 317

- Funambulus pennanti**, *Syphacia*
 (*Syphatineria*) *funambuli* 1840

Fundulus diaphanus

- Acanthocephalus* 5636
Cucullanus 5636
Cystidicola 5636
Dilepis 5636
Hedruris 5636
 helminths 5636
Hymenolepis 5636
Ornithodiplostomum ptychocheilus 5636
Parvitaenia 5636
Spiroxys 5636
Urocleidus angularis 3992

F. heteroclitus

- helminths 1738
Neoechinorhynchus rutili 1738
Urocleidus angularis 1738

Gabon

- Cooperia dubosti* n.sp. 187
Hyostrongylus gabonensis n.sp. 187
Toxocara warreni n.sp. 187

Gadus morhua

- Anisakis* 1746, 4934
Grillotia erinaceus 6108
 helminths 102
Porrocaecum 4934
Terranova decipiens 1746, 3642

- Galago crassicaudatus*, hydatid 2844
G. crassicaudatus panganienis
Brugia malayi 1660
B. pahangi 1660
Galba (see also *Lymnaea*)
G. occulta, biology, & control, discussed 658
G. truncatula
biology, & control, discussed 658
Cercaria lymnaeae truncatulae 280
control by molluscicides 5965
Fasciola hepatica 280, 4243
Galeorhinus zyopterus, *Branchellion lobata* 3842
Galerida cristata, *Dudekemia cristata* n.sp. 4063
Galleria mellonella
Heterorhabditis bacteriophora, & bacteria 4068
Hexameris albicans 110
Neoapectana carpocapsae 6142
& *Achromobacter nematophilus* 6458, 4735
Galliformes, helminths 3987, 4512
Gallus gallus
Davainca hewetensis n.sp. 6183
helminths, & protozoans 1175
G. gallus domesticus, *Sobolevicanthus gracilis* 5972
Gambusia, toxicity, of *N*-tritylmorpholine 1495
G. affinis
Eustrongylides wenrichi 82
Paramacroderoides echinus 2410
P. pseudoechinus n.sp. 2410
Gammarus lacustris, *Tetrameres fissispina* 4013
G. locusta, *Maritrema subdolum* 5474
Ganeo, key to spp. 5667
G. africana, in *Dicroglossus occipitalis*, in Togo, new record (g.) 142
G. kawi, n.sp., in *Rana tigrina*, in India 5667
G. tigrinum
egg-shell formation 819
in *Kachuga dhongoka*, in India, new record (h.) 2389
osmoregulation 4762
in *SturNOPASTOR CONTRA*, in India, new record (h.) 2389
G. vitellosinistrum, n.sp., in *Rana limnocharis*, in India 5667
Ganguleterakis crexi, synonymy 196
G. spumosa, in mouse, chemotherapy 2040
Gannet, *Tetrabothrius sulae* 2426
Garrulax canorus taewanus,
Glaphyrostomum taiwanense n.sp. 4575
Garrulus glandarius, *Subulura baylisi* 2388
Gasterosteus aculeatus
parasites 85
Schistocephalus solidus 1919, 4153
Gasterosteus contd.
G. pungitius, parasites 85
Gastrocotyle indica, redescribed 6160
G. japonica, sp. inq. 6160
G. kalla, sp. dubia 6160
G. mozambiquensis, n.sp., in *Decapterus punctatissimus*, in Indian Ocean 6160
G. trachuri
anomalous specimen 6160
redescribed 6160
Gastrodiscus aegyptiacus, in horse, in South Africa, chemotherapy, & pathology 4131
Gastromermis, in *Simulium*, in Britain 6117
G. acutiscula, n.sp., in USSR (Kazakhstan) 4072
G. bobrovae, n.sp., in *Prosimulium alpestre*, in USSR (Siberia) 490
G. boophthorae
in *Boophthora erythrocephala*
mode of infection 1567
in USSR (Ukraine), incidence 6132
larvae, in vitro, development 1567
in *Simulium morsitans*, in USSR (Ukraine), incidence 6132
G. (Brevimermis) pararosea, n.sp., in chironomids, in USSR (European) 491
G. crassicornus, n.sp., in USSR (Kirgizia) 490
G. (Gastromermis) bobrovae, n.sp., in *Prosimulium alpestre*, in USSR (Siberia) 490
G. (Gastromermis) crassicornus, n.sp., in USSR (Kirgizia) 490
G. (Gastromermis) hibernalis, n.sp., in *Tendipes plumosus*, in USSR (European) 491
G. (Gastromermis) thienemannielli, n.sp., in *Thienemanniella*, in USSR (European) 491
G. (Gastromermis) tshubarevae, n.sp., in *Odagmia variegata*, in USSR (Georgia) 491
G. hibernalis
redescribed 4072
n.sp., in *Tendipes plumosus*, in USSR (European) 491
G. (Lanceimermis) unica, n.sp., in chironomids, in USSR (European) 491
G. longicaudata, n.sp., in USSR (Kazakhstan) 4072
G. pararosea, n.sp., in chironomids, in USSR (European) 491
G. rosae, in *Chironomus*, inducing changes in imaginal discs 2947
G. tenuisoma, n.sp., in USSR (Kazakhstan) 4072
G. thienemannielli, n.sp., in *Thienemanniella*, in USSR (European) 491

Gastromermis *contd.*

- G. tschubarevae*, n.sp., in *Odagmia variegata*, in USSR (Georgia) 491
G. unica, n.sp., in chironomids, in USSR (European) 491

Gastropods

- trematode larvae 660
 trematodes 123, 1133, 3625

Gastrotaenia dogieli

- in *Arctodiaptomus bacillifer*, development 6463
 in *Diaptomus salinus*, in USSR (Kazakhstan) 4232
 in duck
 histopathology 2544
 in USSR (Kazakhstan) 4232
 life-history, & pathology 6463

Gastrothylax

- in cattle
 in USSR (Uzbekistan)
 age & seasonal variation 854
 chemotherapy 3781
 in sheep, in India, chemotherapy 4791
- G. crumenifer***
 in cattle, in USSR, control, & incidence 3268
 chromosome complement 470
 lipid content 3665
 in molluscs, in USSR, survey 5087
 in *Planorbis sieversi*, in USSR (Uzbekistan), epizootiology 3211
 structure & function of integument 5133

Gavia arctica

- Diphyllbothrium ditremum* 4774
Mesorchis pseudoechinatus 5062
Gazella dorcas, thiabendazole 4983
G. subgutturosa, helminths 5004, 5278
Gazellostrongylus, validated 4065
G. lerouxii, redescribed 4065
Gazeta Medica da Bahia, 1866-1874, reissue 4376

Gempylitrema, synonym of *Heterobothrium* 6159**Genarchopsis bangladesensis**, synonym of *Genarchopsis goppo* 2975***G. cameroni***, synonym of *Genarchopsis goppo* 2975***G. cuchiai***, synonym of *Genarchopsis goppo* 2975***G. goppo***

- in *Channa punctatus*, in India,
 morphology, & synonymy 2975
 in *Channa striatus*, in India, morphology,
 & synonymy 2975
 in *Rana cyanophlyctis*, in India,
 morphology, & synonymy 2975
 in *Tropidonotus piscator*, in India,
 morphology, & synonymy 2975
- G. kumaonensis*, validated 2416
G. lobatum, synonym of *Genarchopsis goppo* 2975

Genarchopsis *contd.*

- G. melanostictus*, synonym of *Genarchopsis goppo* 2975
G. ozakii, synonym of *Genarchopsis goppo* 2975
G. piscicola, synonym of *Genarchopsis goppo* 2975
G. punctatus, synonym of *Genarchopsis goppo* 2975
G. thapari, synonym of *Genarchopsis goppo* 2975

Genetics

- Ascaridia dissimilis* 4350
A. galli 2773, 3321, 4350
Ascaris suum 2772, 3321
Caenorhabditis elegans 469, 2155, 4901, 4903, 4905, 6472
Dicrocoelium dendriticum 2774
Gastrothylax crumenifer 470
Haemonchus contortus 5413
Liorchis scotiae 470
Ostertagia ostertagi 4349
Paragonimus miyazakii 981
P. ohirai 981
Paramphistomum ichikawai 470
Philophthalmus hegeneri 2156
Schistosoma haematobium
 (South African strain) 2313
 (Sudanese strain) 2313
S. mansoni 6445
Stichorchis subtriquetrus 470
Trichinella nelsoni 4904
- Geobdella whitmani***, to *Jaabdella whitmani*, n.g., n.comb. 471
- Geoclemys reevesii***
Paradenogaster selfi n.g., n.sp. 2406
Prionosomoides taiwanensis n.sp. 2406
- Geococcyx californianus***, *Torquatoides crotophaga* 4067
- Geographical distribution** (see also named countries, islands, regions, continents & seas)
 acanthocephalan larvae, in Euphausiidae 1774
 alveolar hydatid 5964
Angiostrongylus cantonensis 6007
Anisakis 1746
 larvae 1765
 bothriocéphalids 3838
 caryophyllids 6322
 cestode larvae, in Euphausiidae 1774
Echinococcus granulosus 1988
E. multilocularis 1989
 filariids 1393
 helminths
 in *Agama* 2332
 in fish 1736
 in mammals 5512
 in man 837
 in *Ochotona princeps* 4062
 hydatid 2840
 Nanophyetidae 5332

Geographical distribution *contd.*

- nematodes, in sheep 3925
- Opisthorchis felineus* 671
- Terranova decipiens* 1746
- trematodes, in marine fish 1394
- Trichinella* 698
- T. spiralis* 5964
- Wuchereria bancrofti* 5802
- Gerbillus campestris*, *Trichuris gerbillis* n.sp.** 5688
- G. pyramidum*, *Trichuris gerbillis* n.sp.** 5688
- German Federal Republic**
 - Fasciola* 6449
 - nematode larvae, on pasture 6358
- Germany**
 - Bothriocephalus acheilognathi* 4340
 - cestodes, in goose 3726
 - Coenurus* 4949
 - Cutifilaria wenki* 1051, 2876
 - Cysticercus cellulosae* 6067
 - C. longicollis* 6076
 - gastro-intestinal nematodes, in pig 4370
 - helminths
 - in carnivores 2887, 4480, 5606
 - in *Cervus elaphus* 5511
 - in kangaroo 5049
 - in ruminants 4303
 - in zoo animals 4263, 4292
 - hydatid 521, 2254
 - nematodes
 - in dog 370
 - in equines 3281
 - Onchocerca flexuosa* 1051
 - O. tarsicola* 1051
 - O. tubingensis* 1051
 - parasites, in fish 2923
 - Sanguinicola* 2923
 - Strongyloides ransomi* 5010
 - S. westeri* 4451
 - Trichostrongylus tenuis* 3726
 - Wehrdikmansia rugosicauda* 2876
- Germany, East**
 - Cysticercus bovis* 3688, 3940
 - Dicrocoelium dendriticum* 2879
- helminths
 - in fish 4304
 - in freshwater fish 5074
 - in pig 4296
- Khawia sinensis* 4304
- lungworms 5963
- Taenia saginata* 3395, 3886
- Germany, West**
 - gastro-intestinal nematodes, in cattle 3339
- helminths
 - in dog 2886
 - in *Gadus morhua* 102
 - in *Lepus europaeus* 2657
 - in mammals 5105
 - in *Zoarces viviparus* 1119
- nematodes, in pig 2300

Germany, West *contd.*

- strongylids 2111
- trichostrongylids 2010
- Ghana**
 - Onchocerca* 2011, 5528, 5536
 - Schistosoma* 2011, 2025, 5092
 - S. haematobium* 2838
 - Spirocerca lupi* 4476
- Giardia canis***
 - & *Ancylostoma caninum*, in dog, in Rumania 2963
 - & *Toxocara canis*, in dog, in Rumania 2963
- Gigantobilharzia***
 - cercariae, in *Melania tuberculata*, in Egypt, morphology, & new record (g.) 5668
 - in fowl, experimental 5668
 - in *Melania tuberculata*, in Egypt, new record (g. & h.) 6175
 - n.sp., [not named], in fowl, in Egypt 6175
- G. huronensis***, miracidia, attachment & penetration apparatus 4574
- Gigantocotyle explanatum***, lipid content 3665
- Gilquinia squali***, in *Merlangius merlangus*, in Britain, incidence, & resistance 632
- Giraffa camelopardalis***
 - Pseudofilaria giraffae* n.sp. 3542
 - Setaria labiatopapillosa* 3542
- Glaphyrostomum taiwanense***, n.sp., in *Garrulax canorus taewanus*, & *Cissa caerulea*, in Taiwan 4575
- Glareola pratincola*, *Stellocaronema fausti*** 1216
- Glaridacris brachiurus***, in *Limnodrilus hoffmeisteri*, in USSR (Ukraine), age variation 116
- G. catostomi***, vitellogenesis 4352
- G. vogei***, n.sp., in *Catostomus macrocheilus*, *Catostomus ardens*, & *Catostomus catostomus*, in USA (Mountain) 5149
- Glischropus tylopus*, *Molinostomylus owyangi* n.sp.** 702
- Globocephalus urosulbatus***, in pig, in New Zealand 1780
- Glossimetra orientalis***, non-specific esterase activity in body-wall 1359
- Glossiphonia heteroclita***
 - in *Lymnaea stagnalis*, in Poland 2159
 - in *Radix auricularia*, in Poland 2159
- Glossobothrium nipponicum***, in *Mupus japonicus*, in Japan 92
- Glossogobius giuris*, *Neascus komiyai* n.sp.** 1808
- G. giurus*, *Carneophallus brevicaca*** 2763
- Glythelmins festina***, morphology 5130
- G. robustus***, n.sp., in *Bufo marinus*, in Colombia 6167

Glypthelmins* contd.**G. rugocaudata***

- in *Bufo japonicus*, in Japan, new record (h.) 628
- in *Rana limnocharis*, in Japan, new record (h.) 628
- in *Rana nigromaculata*, in Japan, incidence 628
- in *Rana rugosa*, in Japan, incidence 628

G. simulans*, in *Leptodactylus ocellatus*, in Uruguay, morphology 5130**Glyptonotobdella antarctica*, in Marion Island, morphology, & new record (g.) 6478*****Glyptotendipes*, *Hydromermis borokii* n.sp. 487*****Gnathostoma doloresi***

- in Japan, incidence, life-history, & pathogenicity, reviewed 2210
- in pig, in Taiwan 6052

G. nipponicum*, in Japan, incidence, life-history, & pathogenicity, reviewed 2210**G. spinigerum***

- in Japan, incidence, life-history, & pathogenicity, reviewed 2210
- in man, in Thailand, eosinophilic meningitis 4158

scanning electron microscopy 5171

Gnathostomatids*, life-history, discussed 461**Gnathostomatoidea*, key to genera 4060*****Gnus relictum*, *Mesomermis sibirica* n.sp. 489****Goat**

- bephenium hydroxynaphthoate 6400
- Coenurus* 165, 1684, 2874
- Dicrocoelium* 588
- D. dendriticum* 1163, 1812
- Dictyocaulus* 5248
- diethylcarbamazine plus morantel tartrate 6400

Fasciola hepatica* 2803*Fen-arsenate 943**

- gastro-intestinal nematodes 4994
- helminths 584, 1042, 1685, 3244, 3409, 3420, 3943, 4470, 5005, 6050

Marshallagia* 2299, 5248, 5262*methyridine 2687*****Moniezia expansa* 1416****nematodes 1680, 2634, 3221, 5107*****Nematodirus* 2299, 2872, 5248*****Ostertagia* 2299****parasites 1681, 5001*****Parelaphostrongylus tenuis* 4464****plant extracts 4284****protostrongylids 32, 5572****pyrantel tartrate 2656****resorantel 369, 1527, 5435*****Spiculocaulus kwongi* 32*****Strongyloides papillosus* 3593****tetramisole 430****tetramisole hydrochloride 3786, 6359,**

6400

Goat contd.**trichostrongylids 6037*****Gobio gobio*, *Cyathocotyle prussica* 1193*****Goddardobdella elegans*, in cattle, in Australia, localization in udder 5935*****Goezia minuta*, in *Synodus foetens*, in USA (South Atlantic), new record (h.) 4598*****Gogatea*, validated 2971****Goldfish, trichlorphon 1477*****Golunda ellioti*, *Hepatojarakus bandicoti* 4499*****Gongylonema pulchrum***

- in man, in USSR (Moldavia), case report, & morphology 4970

- in *Rupicapra rupicapra caucasica*, in USSR (Azerbaijdzhan), new record (h.) 6032

ultrastructure of integument 4618***Goniobasis laqueata*, *Cercaria stephanocauda* 5480*****Gonocerca*, in marine fish, in Atlantic, key to spp. 4076*****G. phycidis*, redescribed 5671*****Gonostomatids*, *Mazoplectus ineptus* n.g., n.sp. 4038****Goose*****Amidostomum anseris* 306, 5966, 5970****anthelmintics 446*****Avioserpens* 5053****bithionol 1436****bithionol sulphoxide 1436****carbon tetrachloride 357****fenbendazole 3726****levamisole 3726****mebendazole 2039, 3726****pyrantel tartrate 3298, 3726*****Tetrameres fissispina* 4013****tetramisole 3249****tetramisole hydrochloride 3298****trichlorphon 3250*****Gordius robustus*, histochemistry of cuticle 5783*****Gorgoderina attenuata*, ultrastructure of surface 2413*****G. diaster*, in *Bufo marinus*, in Colombia, new record (g. & h.) 6167*****G. rochalimai***

- in *Bufo marinus*, in Guadeloupe, life-cycle 2756

- in *Eupera viridans*, in Guadeloupe 2756

- in *Tramea abdominalis*, in Guadeloupe 2756

G. vitelliloba*, cercariae, anterior tail chamber 2611*Gorilla, *Strongyloides* 4948*****Gracula religiosa indica*, *Cyrnea* (Cyrnea) eurycerca 72*****Grammocephalus hybridatus*, in *Elephas indicus*, in India 612*****Graphidioides taglei*, n.sp., in *Octodon degus*, in Chile 3014**

- Graptemys pseudogeographica**,
Allasostomoides chelydrae 145, 2402
- Greenland**
Squalonchocotyle berlandi n.sp. 4076
Stephanostomum davisii n.sp. 4076
trematodes, in vertebrates 4076
Trichinella spiralis 5046
- Grillotia erinaceus**
plerocercoids
in *Gadus morhua*, in North Sea,
biology 6108
in *Melanogrammus aeglefinus*, in North
Sea, biology 6108
in *Pollachius virens*, in North Sea,
biology 6108
- Grubea**
n.sp., [not named], in *Sarda chiliensis*, in
Mexico 1794
in *Sarda chiliensis*, in Mexico, new record
(h.) 1794
- Grus canadensis pratensis**, helminths 68
- Gryporhynchus pusillus**, in *Cyclops*, in
USSR (Far East), new record (h.) 119
- Guadeloupe**
Biomphalaria glabrata 5646
Gorgoderina rochalimai 2756
helminths, in aquatic birds 1725, 6184
Hymenolepis guadeloupensis, n.sp., [not
described] 6184
Schistosoma mansoni 1607, 5037, 5560
Trichocephaloidis beauporti, n.sp., [not
described] 6184
- Guatemala**, *Onchocerca volvulus* 5845
- Guinea-pig**
Angiostrongylus cantonensis 1716, 4695
Anisakis 3096
Ascaris 257
A. suum 214, 736, 3103, 4105, 4375,
5963, 5969, 5971, 6230
Dicrocoelium 1302, 1315–1316
D. dendriticum 5787
Dictyocaulus filaria 1284, 2465, 5199,
6226–6227, 6240
Fasciola hepatica 1850
helenine 876
helminths 4502, 5612
hydatid 719
levamisole 4267
Metastrongylus apri 733, 3174, 4104
Necator 2315
Neoascaris vitulorum 5755, 6271
parasites 5961
Paraspidodera uncinata 214, 5612
piperazine diantimonyl tartrate 3703
Schistosoma mansoni 4110, 4624
Strongyloides papillosus, & *Clostridium*
perfringens 2962, 4565
toxicity, of levamisole 4267
Toxocara canis 214, 730
Trichinella 3101
T. spiralis 1230, 3580, 4103, 5221
- Guinea-pig contd.**
Trichostrongylus colubriformis 768,
1271, 1871, 5709
- Gulf of Aden**
Capillaria sphyraeni n.sp. 5179
Diploproctodaeum 4583
Heterolebes diodonti n.sp. 4582
Manteroderma skrjabini n.sp. 4583
trematodes, in fish 4583
- Gulo luscus**, *Dirofilaria immitis* 5031
- Guyanema seriei**, n.g., n.sp., in
Hoplerythrinus unitaeniatus, in French
Guiana 197
- Guyanemidae**, n.fam. 197
- Gymnophalloides macroporus**, in aquatic
birds, & molluscs, in Black Sea, ecology,
& incidence 1405
- Gymnophallus discursata**
in *Cardium edule*, in Caspian Sea, new
record (h.) 4016
n.sp., in invertebrates, in Caspian Sea
4048
- Gynaecotyle longiintestina**, in *Carcinus*
mediterraneus, in Black Sea, new record
(h.) 4541
- Gyps africanus**
cestodes 4514
Porrocaecum 4514
- G. fulvus**, *Centrorhynchus olssoni* 1091
- Gyraulus acronicus**, *Cercaria carelica* I
4576
- G. gredleri**, paramphistomatids 662
- G. hirsutus**, *Cyclocoelum brasilianum* 4898
- Gyrodactylus**
in carp, in USSR (European), malachite
green 3291
in freshwater fish
in USSR (Uzbekistan), host lists 3462
in Yugoslavia, new records (h.) 1176
in goldfish, in fish farms, trichlorphon
1477
in minnow, in fish farms, trichlorphon
1477
- G. aphyae**, in *Phoxinus phoxinus*, seasonal
variation in morphology of opisthaptor
6156
- G. capoeti**, n.sp., in *Varicorhinus capoeta*
gracilis, in USSR (Azerbaijan) 6158
- G. costatae**, n.sp., in *Lefua costata*, in USSR
(Far East) 5661
- G. dorosomae**, n.sp., in *Dorosoma*
cepedianum, & *Dorosoma petenense*, in
USA (East South Central) 141
- G. eucaliae**, ultrastructure & development of
body wall 4036
- G. hemivicinus**, n.sp., in *Schizothorax*
intermedius, in USSR (Tadzhikistan)
6157
- G. kafirniganensis**, n.sp., in *Schizothorax*
intermedius, in USSR (Tadzhikistan)
6157

Gyrodactylus contd.

- G. konovalovi***, n.sp., in *Phoxinus lagowskii*, in Mongolia 5117
- G. luciopercae***, in fish, in Rumania, new record (g.) 5973
- G. lythruri***, n.sp., in *Notropis bellus bellus*, & *Notropis atripiculus*, in USA (East South Central) 141
- G. macracanthus***, redescribed & synonymy 4567
- G. macronychus***, in *Phoxinus phoxinus*, seasonal variation in morphology of opisthaptor 6156
- G. micracanthus***, redescribed & synonymy 4567
- G. mikailovi***, n.sp., in *Varicorhinus capoeta gracilis*, in USSR (Azerbaïdzhan) 6158
- G. nigrum***, n.sp., in *Etheostoma nigrum*, in USA (East South Central) 141
- G. paralatus***
Ergens & Dulmaa, 1968, synonym of *Gyrodactylus micracanthus* 4567
Gusev, 1955, synonym of *Gyrodactylus macracanthus* 4567
- G. parvicirrus***, n.sp., in *Notropis atherinoides*, in USA (East South Central) 141
- G. stankovici***, n.sp., in *Cyprinus carpio*, in Yugoslavia 1176
- G. stephanus***, in *Pungitius pungitius*, in Canada, new record (h.) 3992
- G. varicorhini***, n.sp., in *Varicorhinus capoeta gracilis*, in USSR (Azerbaïdzhan) 6158
- Gyrometra***, n.sp., [not named], in *Spilotichthys pictus*, in Tanzania, morphology 2987
- Habronema (Aviabranema) guptai***, in.sp., in *Accipiter badius*, in India 194
- H. guptai***, in.sp., in *Accipiter badius*, in India 194
- H. megastoma***, scanning electron microscopy 5168
- H. microstoma***, in donkey, in USSR (Uzbekistan), incidence 4979
- H. muscae***, in donkey, in USSR (Uzbekistan), incidence 4979
- Habronematoidea**, key to genera 1209, 4061
- Hadjelia truncata***
in *Alcedo atthis bengalensis*, in India, new record (h.) 72
in *Dila bucharica*, in USSR (Tadzhikistan), new record (h.) 1761
in *Pachyscelis banghaasi*, in USSR (Tadzhikistan), new record (h.) 1761
in *Trigonoscelis gemmulata*, in USSR (Tadzhikistan), new record (h.) 1761
- Haemadipsa bilobata***, to *Fijibdella bilobata*, n.g., n.comb. 471
- H. fallax***, to *Malagabdella fallax*, n.g., n.comb. 471

Haemadipsoidea, n.superf. 471***Haemaphysalis leachi****Ackertia globulosa* 3437*A. globulosa* n.sp. 1836***Haematoloechus coloradensis***in *Ambystoma tigrinum*, in USA

(Mountain), life-cycle 3310

in Odonata, in USA (Mountain) 3310

in *Physa virgata*, in USA (Mountain)

3310

in *Rana pipiens*, in USA (Mountain), life-cycle 3310***H. ocellati***, n.sp., in *Hyperolius ocellatus purpureus*, in Cameroon 5669**Haematology***Ancylostoma caninum* 278*Anisakis* 6266*Ascaris suum* 5971*Coenurus cerebralis* 1339*Cysticercus* 1339, 3098*Dactylogyrus extensus* 6276*Dicrocoelium* 795, 1315*Dictyocaulus* 1920, 5248*Dirofilaria immitis* 3431, 5745

echinostomatids 1314

Fasciola 223, 4373, 5742*F. gigantica* 1293, 2547

helminths

in *Capreolus capreolus* 777in *Cervus elaphus* 5008in *Dama dama* 777

hookworm 3136

hydatid 1339

Hymenolepis nana 275*Marshallagia* 5248*Metastrongylus* 4169*Necator americanus* 277, 2536*Nematodirus* 5248*Oesophagostomum radiatum* 1897*Opisthorchis* 225*Ostertagia circumcincta* 4164*Phocanema* 6266

strongyles 3272

Strongyloides papillosus 5970*Toxocara canis* 1912, 2548*Trichinella spiralis* 1230, 6222*Trichostrongylus colubriformis* 1271***Haementeria lutzii***, fibrinogenolytic substance 2777***Haemonchus***

in cattle, fenbendazole 5448

in goat, in India, plant extracts 4284

morphology of spicules 4454

& *Ostertagia*, in sheep, pathology 1932in *Ovibos moschatus*, in Canada, fatal case 4995

in sheep

in Australia, seasonal variation 5352

in Nigeria, periparturient rise 6348

phenothiazine 2733

in USSR (Kazakhstan), control, &

economic loss 1541

- Haemonchus** *contd.*
 in sheep *contd.*
 in USSR (Siberia), seasonal variation 1389
 taxonomy 6044
- H. contortus**
 ageing & antigenicity 747
 ageing & carbohydrate metabolism 6315
 cambendazole inhibiting fumarate reductase 2107
 in goat
 in India, tetramisole hydrochloride 3786
 tetramisole 430
 induction of inhibited development 1947
 larvae
 desiccation & temperature affecting survival 6314
 in vitro, culture media 1358
 in sheep, disophenol & arrested development 1931
 larvae & ova
 haloxon 4285
 on pasture
 in Britain, development & survival 3668
 in USA (East North Central), survival 4775
 thiabendazole 4285
 osmotic pressure & potassium affecting development 6313
 in ruminants
 in Somalia 6044
 in USSR (Ukraine), polymorphism 3012
 in sheep
 in Argentina, levamisole 6419
 in Australia, resistance to anthelmintics 5413
 in Britain 3668
 inhibited development 2587, 2652
 chemotherapy 356
 drug resistance 2042
 egg production 3163
 haematocrit & worm growth 2540
 in India
 age & seasonal variation 40
 nitroxylin 3812
 intestinal blood loss 775
 in Kenya
 epizootiology, & pathogenicity 4222
 host haemoglobin phenotype & pathogenicity 5249
 leucocyte blastogenic responses during parturition & lactation 4086
 in Netherlands, epizootiology 2005
 in New Zealand, epizootiology 1002
 in Nigeria, thiabendazole 3788
 pathology 1306
 premunition & development 732
 selection for resistance 5520
 serum protein fractions 1235
- Haemonchus contortus** *contd.*
 in sheep *contd.*
 serum proteins 4100
 ultrastructure of intestinal cells 1578
 zinc as cofactor in exsheathment 6309
- H. contortus cayugensis**, in sheep, parasite population regulation 5801
- H. plumieri**, in cattle, in South Africa, rafoxanide 5444
- Haemopsis sanguisuga**, *Hirudinaetrema oschmarini*, n.g., n.sp., [not described] 964
- H. septagon**, n.sp., in USA (South Atlantic) 5934
- Haemulon parrai**, *Apocreadium cryptum* n.sp. 5676
- H. plumieri**, *Lasiotocus haemuli* n.sp. 5677
- H. sciurus**, *Lasiotocus haemuli* n.sp. 5677
- Haiti**
Ancylostoma duodenale 5559
 helminths, in man 5554
- Halcyon chlores**, *Brachylecithum andamanensis* 5063
- H. smyrensis**, *Psilororchis lucknowensis* n.sp. 2417
- Halichoeres bivittatus**, *Nicolla halichoeri* n.sp. 5677
- H. radiatus**, *Nicolla halichoeri* n.sp. 5677
- Halichoerus grypus**, *Terranova decipiens* 6083
- Haliotis (Nordotis) discus hannah**, *Parvatrema rebunense* n.sp. 2977
- Halipegus japonicus**, synonym of *Halipegus mehrans* 2406
- H. mehrans**
 anomalous specimen 2416
 synonymy 2406, 2416
- H. udaipurensis**, synonym of *Halipegus mehrans* 2416
- Halocercus**, in *Phocaena phocaena*, key to spp. 1206
- H. monoceris**, in *Monodon monoceros*, in Canada, pathology 63
- Hamacreadium confusum**, n.sp., in *Ocyurus chrysurus*, in USA (South Atlantic) 5676
- H. karachiensis**, n.sp., in *Rastrelliger kanagurta*, in Pakistan 1182
- H. leiognathi**, synonym of *Horatrema pristipomatis* 5674
- H. multilobatum**, n.comb., for *Plagioporus multilobatus* 5674
- H. rastrellii**, n.sp., in *Rastrelliger kanagurta*, in Pakistan 1182
- Hammatopeduncularia arii**, in marine fish, in India, morphology 140
- Hammerschmidtella diesingi**, ova, structure & function 2450
- Hamster**
 alveolar hydatid 3970
 anthelmintics 5910
Aspicularis tetraptera 2461

Hamster contd.

- Brugia pahangi* 4718
Dipetalonema wite 4139, 5721
Hymenolepis nana 3441
 4-isothiocyanato-4'-nitrodiphenylamine
 5890
Litomosoides carinii 2318
Necator 4720
Nippostrongylus brasiliensis 4667
Opisthorchis felineus 3574, 6289
 piperazine diantimonyl tartrate 3703
 quinine 1507
 quinine isomers 1507
Schistosoma haematobium
 (South African strain) 2313
 (Sudanese strain) 2313, 4492
S. mansoni 241, 1307, 2614, 4634, 6445
 (Puerto Rican strain) 4492
Taenia saginata 5044
T. solium 3579, 5044
 thiophene derivatives 433
Hapalorhynchus foliorchis, n.sp., in
 Chelydra serpentina, in USA (West
 North Central) 145
Haplometra brevicæca
 development 149
 synonymy 149
H. cylindracea, glycogen storage, & succino-
 dehydrogenase 2605
H. cylindracea allometra, synonym of
 Haplometra brevicæca 149
Haplometrana intestinalis
 in *Helisoma trivolvis*, in USA (Pacific),
 new record (h.) 1759
 in *Lymnaea bulimoides*, in USA (Pacific),
 new record (h.) 1759
 in *Lymnaea stagnalis urasatchensis*, in
 USA (Pacific), new record (h.) 1759
Haplometroides eburnense, to *Plagitura*
 eburnense, n.comb. 5669
Haplonema
 revised 174
 synonymy 174
H. hamulatum
 redescribed 174
 synonymy 174
H. immutatum, redescribed 174
H. orthocephalum, sp.inq. 174
Haploparaxis japonensis, in *Anas*
 platyrhynchos platyrhynchos, in Japan,
 morphology 5152
Haplorchis pumilio
 cercariae
 chaetotaxy 4571
 in *Melanoides tuberculata*, in Malaysia
 4544
H. taichui, cercariae, in *Melanoides*
 tuberculata, in Malaysia 4544
Hardella thurgi
 Polystomoides stewarti n.sp. 1180
 Telorchis thapari n.sp. 2976
Hare, helminths 5610

Hawaii

- Dasyrhynchus giganteus* 5141
Dirofilaria immitis 5704
 nematodes, in man 2227
Nybelinia basimegacantha n.sp. 5141
Parachristianella monomegacantha 5141
Prochristianella micracantha n.sp. 5141
Pseudogrillotia basipunctata n.sp. 5141
Pterobothrium hawaiiensis n.sp. 5141
Tentacularea coryphaena 5141
Wuchereria bancrofti 5704
Heartworm
 in cat
 in Australia 6063
 in USA (Mountain), case report 2891
 in dog, embolism & treatment by surgery
 6275
Hedgehog, mebendazole 4263
Hedruris, in *Fundulus diaphanus*, in
 Canada, new record (h.) 5636
Helarctos malayanus, *Ancylostoma*
 malayanum 5601
Helicometra execta, to *Helicometrina*
 execta, n.comb. 5678
H. filamentosa, n.sp., in *Lutjanus*, in India
 5674
Helicometrina chilomyteri, n.sp., in
 Chilomycterus hystrix, in Pakistan 457
H. execta
 n.comb., for *Helicometra execta* 5678
 synonymy 5678
H. parva, synonym of *Helicometrina execta*
 5678
H. trachinoti, synonym of *Helicometrina*
 execta 5678
Helicopsis instabilis, *Dicrocoelium*
 dendriticum 4212
Heligmonella, phylogeny 3537
H. dremomysi, n.sp., in *Dremomys lokriah*,
 in Nepal 185
H. limbooliati, n.sp., in *Trichys lipura*, in
 Malaysia, distribution in intestine 3537
Heligmonina albignaci, n.sp., in
 Brachyuromys betsileoensis, in
 Madagascar 200
H. betsileoensis, n.sp., in *Brachyuromys*
 betsileoensis, in Madagascar 200
H. nevoi, n.sp., in *Spalax ehrenbergi*, in
 Israel 5186
Heligmosomidae, in rodents, in Israel,
 distribution, & prevalence 5186
Heligmosomoides glareoli, in *Clethrionomys*
 glareolus, in France, new record (g.)
 1711
H. polygyrus
 in mouse
 acquired immunity & host strain 2470
 IgG 5193
Heligmosomum azerbaijani, inbreeding &
 development 972
H. cornucephale, n.sp., in *Clethrionomys*
 rutilus, in USSR (Far East) 6194

Heligmosomum *contd.*

H. dubinini, to *Ohbayashinema dubinini*,
n.comb. 183

H. ryjickovi, n.sp., in *Microtus oeconomus*,
in USSR (Far East) 195

Heliolithis punctigera, *Heterorhabditis*
bacteriophora n.g., n.sp. 4068

H. zea, *Chromonema heliothidis* n.g., n.sp.
6199

Helisoma *duryi*

Paramacroderoides echinus 2410

P. pseudoechinus n.sp. 2410

H. trivolis

Cephalogonimus brevicirrus 4040

Haplometrana intestinalis 1759

Helix aspersa, brachylaimoid cercariae 143

Helminth diseases, nomenclature 3015

Helminth larvae

in animals, pathogenicity, discussed 258

in beetles, in Czechoslovakia, local survey,
& new records (h.) 1140

in Coleoptera, in USSR (Uzbekistan), new
records (h.) 4007

in plankton, in Pacific, incidence 3486

Helminth larvae & ova

control by manure fermentation 4813

in sewage, transmission to domestic
animals 5965

Helminth ova

classification by shape 5969

in faeces

of dog, technique for detecting,
compared 2139

technique for counting 1558-1559,
3301

technique for detecting 960, 2128,
2748, 3304, 4874

technique for recovering 428
& urine, technique for counting 1557

in fodder, survival 830

on fruit

in Korea 6340

in USSR (Azerbaijdzhan) 5338

in manure

control by anaerobic fermentation
5834

control by heat treatment 5900

control by irradiation 6353

irrigation of crops 6344

survival 830, 2023

technique for decontaminating 5903

in USSR, decontamination 5832

in refuse

in USSR (European), biothermic
treatment 3749

in USSR (Tadzhikistan) 5337

in sewage

control by ionizing radiation 2672

in USSR 850

in USSR (European), control 3282

in soil

in Italy, public health 1407

Helminth ova *contd.*

in soil *contd.*

ovicides 5901

survival 830, 2023

in USSR (European) 6318

technique for collecting, from household

objects, compared 5466

technique for detecting, by flotation 5915

technique for mounting 4877

technique for recovering 2133

on vegetables, in USSR (Azerbaijdzhan)
5338

Helminthology

in Cuba, & Czechoslovakia, bibliography
5493

in USSR, report 6496

in USSR (Arctic) 4909

in USSR (Azerbaijdzhan), conference
report 5952

in USSR (European), research discussed
2779

in USSR (Far East)

general account 5941

report 3851

in USSR (Lithuania), immunological
studies, reviewed 4625

in USSR (Siberia) 474

Helminthology, medical

(book) 4368

(text-book) 1592

in USSR (Azerbaijdzhan), historical
account 5943

report 3850

Helminthology, veterinary, in USSR

(Ukraine), achievements & practical
application 1584

Helminths

in *Abramis brama*

in USSR (Lithuania), ecology 6320

in USSR (Ukraine), age variation 631

in *Acipenser baeri*, in USSR (Siberia),
incidence 636

in acipenserids, in USSR (European),
seasonal variation 635

in *Agama*

in USSR, pathology 2553

in USSR (Central Asia), incidence
2332

in *Alburnus alburnus*, in Poland, age
variation 5966

in *Alces alces*, in Canada, local survey
4466

in amphibians

in Europe, zoogeography 80

in Japan, check list 5067

in Nigeria, new records (g. & h.) 6144

in USA (West North Central), local
survey 6101

in USSR (Belorussia), local survey 81

in USSR (Far East) 457

in USSR (Ukraine), listed 5066

Helminths contd.

- in amphipods, in USSR (Ukraine), incidence 836
- in *Anas platyrhynchos*, in Netherlands, host migration, & new records (g.) 6090
- in Anatidae, in USSR (European) 1096
- in animals
 - allergic reactions & immunity 3068
 - in Australia 3353
 - (report) 497
 - in Bulgaria, control, & incidence 3507
 - in Central Africa 2203
 - chemotherapy & control, (book) 995
 - epizootiology, discussed 4239
 - FAO yearbook 6497
 - IgE & allergic reactions 2474
 - immunity, literature review 3046
 - immunology, & resistance, reviewed 726
 - immunoprophylaxis 3602
 - incidence forecast by meteorology 309
 - in India, case records 4027
 - infection dynamics, theoretical model 2635
 - intraspecific host distribution 2635
 - in Iraq, control 2026
 - laboratory diagnosis 4886
 - & man
 - in Australia, zoonoses 1410
 - in Italy, socio-economic effects 1778
 - natural focal occurrence, reviewed 4234
 - transmission, discussed 4226
 - zoonoses, tabulated 5803
 - migration to brain 5984
 - in Paraguay, listed 5102
 - in Poland, economic loss, & epizootiology 5974
 - radiation-attenuated vaccines, reviewed 4662
 - soil-transmitted, literature review 839
 - in South Africa, report 6499
 - technique for diagnosing, (laboratory manual) 5975
 - in Trinidad, local survey 1156
 - in tropics, chemotherapy 1473
 - in USA (Mountain), parasite population regulation 5324
 - in USSR, briefly reviewed 1585
 - in USSR (Georgia)
 - epizootiology 989
 - local survey 3506
 - in USSR (Siberia), bibliography 127
 - vaccination & allergenicity 2475
 - vaccination & allergic reactions, discussed 4092
 - zoonoses, (book) 4919
- in annelids, host-parasite relationships 6462
- in *Antidorcas marsupialis*, in South Africa, local survey 4471

Helminths contd.

- in ants, life-cycles, & listed 5650
- in aquatic birds
 - in Guadeloupe survey 1725
 - & new records (g. & h.) 6184
- in USSR (European), listed 5052
- in USSR (Ukraine), intermediaries 1421
- in aquatic invertebrates
 - in USSR (Kirgizia) 4019
- in USSR (Ukraine), annual variation 3501
- in aquatic molluscs, in USSR (Belorussia) incidence 4543
- in archaeological material, reviewed 238
- in arthropods, host-parasite relationships, discussed 4011
- & asthma
 - in man
 - in Nigeria, relationship 1287
 - role of IgE, discussed 5708
- ATP & phosphagen content 5962
- in *Aythya affinis*, in Canada, site distribution, & species composition 3187
- in *Balaenoptera acutorostrata bonaerensis*, in North Pacific, not found 2899
- in *Balaenoptera borealis*, incidence 2898
- in *Balanus balanoides*, in USA (North Atlantic), local survey, & new records (g.) 6116
- in *Balanus eburneus*, in USA (North Atlantic), local survey, & new records (g.) 6116
- biochemistry, reviewed 810
- biology & taxonomy, relationship discussed 2452
- in birds
 - in Austria 1777
 - in Belgium, new records (h.), & survey 6145
 - brief account 3336
 - diagnosis, & epizootiology 1730
 - in Rumania, new records (g.) 3982
 - in USA (East North Central), community ecology 5322
 - in USSR (Azerbaijan) .1098. 2906
- in USSR (European), host-parasite relationships, discussed 1724
- in USSR (Far East) 179
- in USSR (Latvia), distribution 4025
- in USSR (Lithuania), literature, reviewed 1099
- in USSR (Moldavia), survey 1003
- in USSR (Siberia), local survey 619
- in USSR (Ukraine), local survey 1095
- in zoos, bibliography 4513
- in *Bison bonasus*
 - in Europe, research report 2286
 - in Rumania 5973

Helminths *contd.*

- (booklet) 3342
- in *Bos grunniens*
 - in USSR, incidence 1673
 - in USSR (Tadzhikistan), local survey 1048
- in *Brachyuromys betsileoensis*, in Madagascar 200
- in *Brachyuromys ramirohitra*, in Madagascar 200
- in Brazil (South) 6146
- in *Callorhinus ursinus*, in USSR (Far East), incidence 3978
- in *Camelus bactrianus*, in USSR (Azerbaïdžan) 4453
- in *Camelus dromedarius*, in Tunisia 1717
- in *Canis aureus*, in USSR (Uzbekistan), local survey 1071
- in *Capreolus capreolus*
 - in Czechoslovakia
 - epizootiology, & incidence 3929
 - haematology 777
 - in Poland, incidence 2294
- in carnivores
 - in Germany
 - exotic infections 4480
 - zoo
 - exotic infections 2887
 - incidence 5606
- in Switzerland, zoo, mortality rate 2885
- in USSR (Kazakhstan), incidence, & transmission to man 4244
- in USSR (Siberia), local survey 48
- in Yugoslavia, zoo 4479
- in carp
 - in USSR, seasonal variation, & prophylaxis 3469
 - in USSR (Estonia), age variation 1116
 - in USSR (European)
 - age variation 2347
 - phenothiazine 3288
 - in USSR (Ukraine), prophylaxis 1433
- in *Caspiolosa kessleri*, in USSR (Ukraine), host migration patterns 93
- in cat
 - in Australia
 - local survey 5024, 5600
 - & zoonoses 4786
 - in Brazil (North East), local survey 5014
 - in Britain, zoonoses 1706
 - Diuredosan 4854
 - in Dutch Antilles, incidence 2309
 - in Italy, local survey 1698
 - in Poland, local survey 5966
 - Sansalid 6382
 - in Sweden, control of exotic infections 1443
 - in USA 3953
 - in USA (East North Central), local survey 5596

Helminths *contd.*

- in cat *contd.*
 - in USSR (Ukraine) 2890
- in cattle
 - in Australia, chemotherapy & weight gain 4809
 - in Brazil (South East)
 - chemotherapy & weight gain 358
 - seasonal variation 2866
 - in Bulgaria, incidence on private & state farms 5109
 - in Chile, check list 1161
 - in Congo, control, & pathogenicity 2789
 - control guide 6377
 - in Ecuador, (thesis) 5956
 - hexachloroparaxylol 6385
 - in Hong Kong, report 1788
 - in Hungary, incidence 2206
 - incidence forecast 5342
 - in Ireland, incidence 4936
 - in Japan, control, & diagnosis 1670
 - methyl 5 (6)-phenylsulphonyl-2-benzimidazolecarbamate 2031
 - in New Zealand
 - general account 2785
 - integrated control 5369
 - in Niger, chemotherapy 2790
 - in Nigeria, local survey 3408
 - pasture contamination, (book) 2195
 - perinatal transmission, reviewed 844
 - in Poland, economic loss, & incidence 2572
 - tetramisole hydrochloride 4374
 - in USA (East North Central), economic loss 2297
- in USA (North Atlantic)
 - incidence & seasonal variation 2298
 - local survey 3931
- in USA (Pacific), survey 2293
- in USA (West North Central), incidence 1058
- in USSR
 - control 5884
 - control by husbandry 4269
 - diagnosis 5573
 - incidence, & control 5896, 6403
- in USSR (Azerbaïdžan), ecological zoning 305
- in USSR (Belorussia)
 - control by husbandry 2285
 - incidence 5571
- in USSR (European)
 - incidence & husbandry 5584
 - local survey 5659
- in USSR (Kazakhstan), epizootiology 1050
- in USSR (Kirgizia), listed 42
- in USSR (Tadzhikistan), new records (g.), & survey 2875
- in USSR (Ukraine)
 - incidence & husbandry 5585

Helminths contd.in cattle *contd.*in USSR (Ukraine) *contd.*

survey 1158

in USSR (Uzbekistan) 3930

local survey 3936

in *Cervus elaphus*

in Czechoslovakia, haematology 5008

in Germany, local survey 5511

in Poland, incidence 2294

in cetaceans

chemotherapy 3802

reviewed 2321

in Clupeiformes

in Atlantic, incidence, & life-history 6111

in Indian Ocean, incidence, & life-history 6111

in Mediterranean, incidence, & life-history 6111

in Red Sea, incidence, & life-history 6111

in *Connochaetes gnou*, in South Africa, local survey 3942

copper, manganese & iron contents 1374

in *Coregonus albula*, in USSR (European), ecology, & incidence 4531in *Coregonus peled*

in USSR (European), phenothiazine 3288

in USSR (Siberia), epizootiology 3456

in *Corvus brachyrhynchos*, in Canada, local survey 1084in *Corvus frugilegus*, in USSR

(European), ecology 1379

in coypu, host specificity 5113

in Cracidae, phylogeny 70

in crustaceans, in USSR (Belorussia), incidence 4542

in *Ctenodactylus gundi*, in Tunisia, local survey 5607in *Ctenopharyngodon idella*, in USSR

(Kazakhstan), incidence & age variation 1735

in cyprinids, in USSR (Siberia), epizootiology 3460

in *Cyprinus carpio*, in USSR (Ukraine), age variation 631

cytology, bibliography 480

in *Dama dama*, in Czechoslovakia, haematology 777in *Damaliscus dorcas phillipsi*, in South Africa, local survey 3942

in deer

(book) 6491

in Czechoslovakia, incidence 5579, 6041

in USSR (Kazakhstan), incidence & host domestication 5583

in USSR (Siberia), control, & incidence 3938

diagnosis by CEP 6224

Helminths contd.

diagnosis by DASS 1846

diagnosis by ELISA 6263

in *Didelphis marsupialis*, in USA (South Atlantic), severe mixed infection 2322in *Didelphis virginiana*, reaginic antibodies 2509

in dog

in Australia

local survey 5024

& zoonoses 4786

in Britain

public health aspects 5333, 5809, 5812

zoonoses 1706

Calcofos 386

in Canada, diagnosis, incidence, & transmission to man 3963

cantrodifene 4301

in Chile, local survey 605

decreased efficiency syndrome 2883

Diuredosan 4854

in Dutch Antilles, incidence 2309

general account 1704

incidence, & treatment 6066

incidence in laboratory animals, & effectiveness of quarantine 6069

in Italy, local survey 1699, 1705

in Japan 595

local survey 596, 600

in Poland, local survey 5966

pyrantel pamoate 1539

Sansalid 6382

in Sweden, control of exotic infections 1443

trace elements in blood 1343

transmission to man 1075-1076

in Uganda 1697

in USA, survey 3957

in USA (East North Central), local survey 5603

in USSR (Belorussia), incidence 603

in USSR (Kazakhstan)

local survey 1065

survey 1066

in USSR (Ukraine) 2890

in West Germany, local survey 2886

in Zaire, local survey 3966

zinc sulphate flotation 2133

zoonoses 323

in domestic, animals, in USSR, control, reviewed 4317

in domestic animals

anthelmintic tests, reviewed 2056

in Brazil (North), listed 1782

in Chad, report 6495

chemotherapy, reviewed 1526

chemotherapy & prophylaxis, costs evaluated 2079

control, discussed 5365

control & movement of livestock 4316

Helminths contd.

- in domestic animals *contd.*
 - diagnosis 4915
 - economic loss, evaluated 1935
 - epizootiology 5965
 - general account 4360
 - host nutrition & pathology 5763
 - host nutrition & resistance 5763
 - immunology, (book) 3350
 - incidence forecast by meteorology 337
 - in Italy, economic loss 1893, 3137
 - in Japan 672
 - & man, in Australia, zoonoses 1411
 - meat inspection, (book) 5515
 - in Mexico 2949
 - in New Zealand, control, economic loss, & epizootiology, (report) 2204
 - pathology 2787
 - recent research, reviewed 1779
 - technique for assessing, infection 2142
 - technique for diagnosing, by faecal examination 5919
- in USSR
 - chemotherapy 6401
 - reviewed 5380
 - control 3333
 - reviewed 1509
 - control by management 888
 - economic loss 763, 868
 - incidence, & control 5895
- in USSR (European), incidence, & control 5852
- in USSR (Far East), (book) 4380
- in USSR (Moldavia), local survey 669
- in USSR (Siberia), local survey 2956
- in USSR (Uzbekistan)
 - economic loss 1942
 - general account 5977
- in Zaire, local survey 3871
- zoonoses 1396
- in domestic birds, in USSR (Ukraine) 614
- in domestic & laboratory animals, in Netherlands 4555
- in domestic & wild animals, epizootiology 4233
- in donkey
 - in USSR, chemotherapy, & local survey 1661
 - in USSR (Uzbekistan) 1034
- in duck, in USSR (Ukraine), age & seasonal variation 1093
- in *Dymecodon pilirostris*, in Japan, local survey 1712
- in *Echis carinatus*, in USSR, local survey, & new records (h.) 1105
- ecology, (book) 4369
- ecology & evolution, discussed 6474
- in *Elephas maximus*, in Sri Lanka, incidence 1718
- in *Emys*, in USSR 626

Helminths contd.

- enzyme composition of developmental stages 4758
- eosinophil function 3036
- epidemiological terms 4785
- epidemiology, (book) 3858
- in equines
 - in Chile, check list 1161
 - diagnosis 4976
 - keys to genera, & systematic account 5697
- in *Eremias arguta*, in USSR (European), incidence 2333
- in *Erignathus barbatus nauticus*, in Okhotsk Sea 1083
- in *Eudocimus albus*, in USA (South Atlantic), new records (h.) 3981
- in *Eumetopias jubatus*, in USSR (Far East), incidence 3978
- evolution & life-cycles 3317
- in faeces, technique for detecting 2134
- in *Falco mexicanus*, in USA (Mountain) 615
- in *Falco tinnunculus*, in USSR (European), ecology, & incidence 3447
- in *Falco vespertinus*, in USSR (European), ecology, & incidence 3447
- in Falconiformes, in USSR (Azerbaijdzhan), new records (h.) 1091
- in fish
 - in Atlantic
 - survey 3461
 - zoogeography 1990
 - in Bulgaria, annotated bibliography 3853
 - control, discussed 4297
 - cross-transmission 1736
 - in Czechoslovakia 1114
 - local survey 3993
 - development & ecology 5774
 - in East Germany, control in fish farms 4304
 - in Hungary, annotated bibliography 3853
 - in Indian Ocean
 - survey 3461
 - zoogeography 1990
 - in Mediterranean
 - incidence 3872
 - & regional variation 2922
 - in Pacific, survey 641
 - pathology, (book) 2800
 - pathology of eye 2542
 - pathology of kidney 3118
 - pathology of skin 2545
 - in Poland 4375
 - recognition in tissue sections 2341
 - in Rumania, annotated bibliography 3853

Helminths contd.

in fish contd.

- in USA (South Atlantic), local survey 107
 - in USSR (Aral Sea) 2930
 - in USSR (Azerbaïdzhan), zoogeography 89
 - in USSR (Azov Sea) 1751
 - in USSR (European)
 - incidence, & prophylaxis in fish farms 3748
 - local survey 2919
 - survey 1118
 - in USSR (Far East) 457
 - in USSR (Kazakhstan)
 - bibliography 2337
 - epizootiology 1992
 - in USSR (Moldavia), survey 1003
 - in USSR (Ukraine) 1114
 - incidence 3457
 - water resource developments & transmission to man 1741
 - in Yugoslavia, annotated bibliography 3853
- in fish-eating birds
- in USSR (Aral Sea) 5980
 - in USSR (Far East), incidence 4519
- in fowl
- in Brazil (South East), local survey 67
 - in Bulgaria, incidence on private & state farms 5109
 - in Chile, local survey 1097
 - control 860
 - & epizootiology 1721
 - life-history, & morphology 2901
 - control by environmental decontamination 5901
 - control guide 6413
 - control & prophylaxis 2697
 - diagnosis 66
 - in Ecuador, (thesis) 5956
 - in Hong Kong, report 1788
 - in Hungary
 - mebendazole 443
 - tetramisole 443
 - in India
 - local survey 1727, 2904, 4507
 - survey 2903
 - in Iran, local survey 5059
 - levamisole hydrochloride 3759
 - in Malaysia, survey 75
 - meat inspection, & pathology 6091
 - in Poland, local survey 4375
 - in USSR (European), local survey 6093
 - in USSR (Far East)
 - geographical & seasonal variation 1386
 - local survey 73
 - in USSR (Latvia), incidence & husbandry 5623
 - in USSR (Uzbekistan), listed 5057

Helminths contd.

in fox

- chemotherapy 2675
 - mebendazole 4374
- in freshwater crustaceans, in USSR (Far East), survey 119
- in freshwater fish
- in Britain, epizootiology, reviewed 2640
 - in Czechoslovakia, epizootiology, & local survey 2931
 - in East Germany 5074
 - lesions 2549
 - pathology of gills 3123
 - in Poland, local survey 5966
 - in USA (Pacific), local survey 2344
 - in USA (West South Central), local survey 5068
- in USSR
- chemotherapy & control, in fish farms, reviewed 2117
 - control, & pathogenicity 2916
 - local survey, (book) 6489
 - in USSR (Belorussia), epizootiology 99
 - in USSR (European) 637, 3830, 5071
 - acclimatization & ecology 318
 - incidence 3463
 - & seasonal variation 2929
 - local survey 4524
 - survey 638
 - in USSR (Far East), in fish farms 1744
 - in USSR (Kazakhstan)
 - annual variations 2018
 - in fish farms 1737
 - local survey 6112
 - in USSR (Siberia)
 - age variation, & incidence 3468
 - control, & epizootiology, discussed 3465
 - local & annual variations 2927
 - local survey 103, 108, 2915, 2920–2921, 3453
 - in USSR (Tadzhikistan), ecology 307
 - in USSR (Ukraine) 1107
 - ecology 3995
 - new records (h.) 3452
 - in USSR (Uzbekistan), local survey, & new records (g. & h.) 4912
 - in freshwater & marine fish, in Poland, local survey & new records (g. & h.) 1121
 - in freshwater molluscs
 - in USSR (Far East), local survey 1189
 - in USSR (Siberia), ecology 3503
 - in *Fulica americana*, in USA, local survey 6088
 - in *Fundulus diaphanus*, in Canada, survey 5636
 - in *Fundulus heteroclitus*, in Canada, ecology, & local survey 1738

Helminths *contd.*

- in fur-bearing animals
 - in Rumania 131
 - in USSR (Azerbaïdžan), incidence & host nutrition 1965
 - in USSR (Siberia), control 2073
 - in USSR (Uzbekistan), incidence 3505
- in *Gadus morhua*, in West Germany, local survey 102
- in Galliformes
 - in USSR (Azerbaïdžan)
 - incidence 4512
 - new records (h.) 3987
- in game animals
 - in Africa, zoonoses 2954
 - in Kenya, listed 128
- in gastropods, helminths 4659
- in *Gazella subgutturosa*
 - meat quality 5278
 - in USSR (Uzbekistan), listed 5004
- in goat
 - in Bangladesh, survey 584
 - in Brazil (North East) 1042
 - control 3244
 - in India, local survey 3420
 - in Nigeria, local survey 3409
 - in South Africa 4470
 - in USSR (Uzbekistan) 6050
 - listed 5005
 - local survey 1685, 3943
- in goose, mebendazole 2039
- in *Grus canadensis pratensis*, in USA (South Atlantic), new records (h.) 68
- in guinea-pig, general account 4502, 5612
- in hare, in Austria, incidence 5610
- & hepatitis, in man, clinical pattern 134
- in *Hippoglossoides platessoides*, in Canada, incidence 1122
- in Hirudinea
 - monographed 3854
 - in Poland, local survey, & new records (g. & h.) 5973
 - in USSR, local survey 643
 - in USSR (Far East), local survey, & new records (g. & h.) 964
- histology & ultrastructure, discussed 716
- in horse
 - anthelmintics, evaluated 3278
 - in Ecuador, (thesis) 6493
 - fenbendazole 884
 - general account 573, 2788, 4450, 4975
 - oxibendazole 2690
 - pathogenesis & control, brief account 4927
 - pathology & immune serum production 253
 - trichlorphon 1451
 - in USA, cambendazole 5377
 - in USSR, gastric juice yield & piperazine 254
 - in USSR (Uzbekistan) 1034

Helminths *contd.*

- host index-catalogue 4378
- in *Hydrochoerus hydrochaeris*, in Venezuela, new records (g.) 4496
- hypersensitivity reactions, reviewed 2472
- in *Hystrix leucura*, in USSR (Tadzhikistan), local survey 4497
- in *Ictalurus punctatus*, in USA (East North Central), local survey 3990
- immunity, reviewed 2514
- immunology
 - discussed 1857
 - reviewed 6243
- in invertebrates
 - in Caspian Sea, survey 4016
 - immunity, pathogenicity, & resistance 4924
 - pathology, (conference proceedings) 5504
- in kangaroo, in Germany, zoo 5049
- in laboratory animals
 - general account 2385
 - immunology, (book) 4366
- in *Lacerta agilis*
 - in USSR 626
 - in USSR (European), incidence 2333
- in lagomorphs, in USSR (Tadzhikistan), listed 4491
- in *Lagopus lagopus*, in Norway, distribution, & seasonal variation 2329
- in *Lepomis*, in USA (East South Central), local survey 6106
- in *Lepomis gulosus*, in USA (West South Central), population dynamics 2340
- in *Lepomis macrochirus*
 - technique for studying, population dynamics 950
 - in USA (West South Central), population dynamics 2340
- in *Lepus europaeus*, in West Germany, local survey 2657
- life-cycles & systematics, discussed 3314
- in *Macruronos novaeseelandiae*, in New Zealand 94
- in mammals
 - in Africa, survey 2208
 - in Austria 1777
 - in Belgium, new records (h.), & survey 6145
 - in Central Asia, (book) 5512
 - in Europe, survey 5686
 - geographical zoning 2957
 - irradiated larvae conferring immunity, reviewed 1267
 - in Taiwan, new records (h.) 1797
 - in USA (West North Central), local survey 1159
 - in USSR (Belorussia), local survey 4026
 - in USSR (Lithuania), literature survey 1583

Helminths contd.

- in mammals *contd.*
 - in USSR (Siberia) 1787
 - ecology, & incidence 1786
 - local survey 1785
 - in West Germany, zoo, listed 5105
- in man
 - achylia 3624
 - acute abdomen 3878
- in Africa
 - control, historical account 4865
 - general account 4393
 - health care 2808
 - prophylaxis 2118
- allergic reactions & immunity 3068
- & animals, natural foci, discussed 5805
- antihistamine factor & eosinophilia 3582
- in Arctic, & tropics, compared 5347
- arthropod vectors 2171
 - discussed 4011
- in Australia
 - ecology 1977
 - epidemiology & water resource developments 2020
- in Bangladesh, local survey 3377
- blood picture in multiple infections 5969
- in Brazil (North East), mebendazole 384
- in Brazil (South East), local survey 527
- in Britain
 - exotic infections 2846
 - transmission by food handlers 5810–5811
- in Cameroon, local survey 4960
- in Canada
 - exotic infection 1651
 - survey of indigenous & exotic infections 4443
 - unusual infections 3394
- in Central Africa 2203
- chemotherapy 4271
 - (book) 5510
 - reviewed 403
- chemotherapy & control, reviewed 895
- chemotherapy of mixed infections 5880
- chemotherapy & sanitation 1441
- in Chile
 - local survey 1033
 - mebendazole 930
 - mebendazole plus thiabendazole 3787
 - pyrantel pamoate 1518
- in China (Macao), epidemiology 325
- circulatory pathology 4701
- clinical trials of anthelmintics 6356
- in Colombia, diagnostic laboratories evaluated 2740

Helminths contd.

- in man *contd.*
 - in Congo, local survey 2748
 - control 6488
 - diagnosis by DASS 3556
 - diagnosis by FAT, reviewed 238
 - diagnosis by FATI 3552
 - diagnosis by immunoenzyme method 1228
 - diagnosis by immunoenzymology 5914
 - diagnosis by IT 4124
 - diagnosis by Kato & Faust techniques, compared 4878
 - diagnosis by serum IgE 4640
 - diseases of travel 3916
 - ecology 5543
 - eosinophil dynamics 4084
 - eosinophilia 5550
 - eosinophilia & dystrophy 2271
 - epidemiology 5964
 - & serological tests, discussed 5963
 - in Europe, exotic infections 2282
 - exotic infections 5545
 - fatal infections in protein-calorie malnourished children 743
 - in Haiti, local survey 5554
 - in Hungary, exotic infections, (book) 994
 - hypersensitivity 4124
 - IgE 1855
 - reviewed 3590
 - immunodiagnosis 5963
 - immunological diagnosis, of lung infection 5194
 - immunological status & epidemiology 4106
 - immunology 5963
 - immunoprophylaxis, reviewed 3600
 - in India
 - chemotherapy, reviewed 2726
 - ecology of vectors 6135
 - local survey 2853, 3366, 3873, 4939, 5988
 - mebendazole 3294
 - in Indonesia, local survey 514, 3361, 4412, 5994
 - infection & control, discussed 936
 - in Iran
 - control, & incidence 2811
 - incidence 526
 - irradiated larvae conferring immunity, reviewed 1267
 - in Italy
 - incidence & water supply 3391
 - reviewed 4410
 - in Japan 672
 - exotic infections 531
 - follow-up study 541
 - in Kenya
 - diagnosis by faecal examination, compared 4880
 - reviewed 1645

Helminths *contd.*in man *contd.*

in Korea

contamination of strawberries 6340

incidence 2820

laboratory findings 6019

local survey 2276, 3256, 6022–6023

serum IgE levels 6218

laboratory diagnosis, (book) 3344

localization in genitourinary tract

1620

localization in lung

corrigendum 1627–1628

discussed 1626

in Madagascar, local survey 3882

in Malawi, incidence in hospital patients
3877

man-made lakes, (book) 3863

mathematical model of epidemiology

331

mebendazole 2680, 3289, 6380

in Mexico

chemotherapy, reviewed 4835

reviewed 3894

migration to brain 5984

in Netherlands, exotic infections 3552

in New Zealand, local survey 2834

oxantel plus pyrantel 3714

in Pagine, local survey 1625

paper electrophoresis 2494

in Paraguay 4942, 4945

listed 5102

pathology & differential diagnosis

4719

pathology of liver 3158

pathology of lung, general account

5748

in Philippines, control, & epidemiology,
reviewed 1398

in Poland

diagnosis of exotic infections 3917

epidemiology 5974

exotic infections 5964

local survey 1621, 5964

prevalence & water resource

developments 1997, 2000

public health & role of veterinarian

5339

pulmonary eosinophilia 4719

pulmonary infections, reviewed 4408

resistance & lymphocyte transfer factor

4652

serodiagnosis 2518, 5916

reviewed 3548, 4119

soil-transmitted, literature review 839

in South Africa, serum IgE 3083

in Spain, zoonoses, reviewed 1402

in Sri Lanka, diagnosis by autopsy &
faecal egg count, compared 4334

steroid therapy 2099

surgical aspects 4954

Helminths *contd.*in man *contd.*in Switzerland, mebendazole & exotic
infections 4260in Taiwan, local survey 1612, 3405,
5991

in Tanzania

local names of diseases 4821

local survey 3381

technique for diagnosing, compared

5969

in Thailand, incidence & water resource
developments 2004

thiabendazole, anti-inflammatory

activity 4319

in Togo, local survey 1647–1648

transmission via endoscope 4437

treatment 6355

in tropics

epidemiology 2019

health guide 3346

health hints for travellers, (booklet)
3860

in Upper Volta, local survey 525

in USA

exotic infections, algorithms 2860

general account 3808

surveys, discussed 2253

in USSR

chemotherapy 5965

control, (bibliography) 2091

erroneous diagnosis & treatment,
discussed 5562

incidence, & control 6433

in USSR (Azerbaijan), contamination
of hands 3685in USSR (Estonia), control, reviewed
1537

in USSR (European) 3398

control 3758, 6420

& incidence 3329

control programme 5892, 6412,
6439

epidemiology 6328

incidence, & control 5852, 6026

local survey, & control 5854, 5891

survey 6016, 6024

in USSR (Far East)

age & regional variation 3905

infections in different human
populations, compared 670

zoonoses 4231

in USSR (Georgia)

control

& incidence, reviewed 3818.

& pathogenicity, reviewed 1635

epidemiology 989

local survey 2827

in USSR (Lithuania), control, &

incidence 1030

in USSR (Moldavia)

distribution 837

Helminths contd.

- in man *contd.*
 - in USSR (Moldavia) *contd.*
 - prophylaxis, & treatment 881
 - in USSR (Siberia)
 - control 948
 - incidence 11
 - local survey 2956
 - in USSR (Ukraine) 673
 - contamination of refuse 852
 - control 558, 2104
 - & incidence 3392
 - control programme follow-up 5407
 - incidence & treatment in rural areas 1640
 - vector control, report & appraisal 1600
 - water supply & sanitation, (bibliography) 3869
 - zoonoses 6337
 - (book) 4919
- in marine fish, in USSR (Far East), littoral distribution 4532
- in marine mammals, in USSR (Far East), zoonoses 4231
- in *Martes foina*, in USSR (Kazakhstan) 5605
- in *Martes zibellina altaica*, incidence 5592
- in *Meleagris gallopavo*, in USA (South Atlantic), local survey, & new records (g. & h.) 1726
- in *Meleagris gallopavo silvestris*, in USA, survey 6094
- in *Merlangus merlangus*, in Britain, distribution in tissues 4776
- in *Mesocricetus auratus*, in USA, survey 5041
- metabolism regulation, discussed 4758
- in *Micropterus salmoides*, in USA (West South Central), population dynamics 2340
- & microsporidians, reviewed 5115
- in *Microtus*, in USSR, listed 1713
- mode of attachment 2796
- in molluscs
 - in Australia, ecology 1977
 - humoral factors & immunity, reviewed 4691
- in monkey
 - in Japan, exotic infection 14
 - in Kenya 1613
 - zoonoses 4418
- in mouflon, in Czechoslovakia, age variation, & incidence 576
- in mouse, colonisation of specified-pathogen-free hosts 338
- in *Mugil capito*, in Egypt, incidence & host migration 1743
- in *Mugil cephalus*
 - in Egypt, incidence & host migration 1743

Helminths contd.

- in *Mugil cephalus contd.*
 - in USA (South Atlantic), local survey 3016
- in Muridae, in USSR (Belorussia), incidence & land reclamation 1417
- in *Mustela erminea*, in USSR (Kazakhstan) 5605
- in *Mustela itatsi*, in USSR (Far East) 5594
- in *Mustela (Lutreola) vison* in USSR (Siberia), incidence 5592
- in *Natrix*
 - in USSR 626
 - in USSR (Kazakhstan) 1784
- in *Nemipterus japonicus*, age variation 3461
- nervous system 5973
- in *Nesotragus moschatus*, in Kenya, new records (h.) 2290
- nucleosidediphosphate kinase content 2579
- in *Numida*
 - listed 620
 - in USSR (European), local survey 620
- in *Nyctalus noctula*, in Denmark, local survey 5618
- in *Nyctereutes procyonoides*, in USSR (European), ecology 5032
- in *Ochotona princeps*, in USA, local survey 4062
- in *Ochotona rufescens*, in USSR (Turkmenia) 1078
- in *Octodon degus*, in Chile 3014
- in *Odobenus rosmarus*, in Pacific, age variation 3977
- in *Okapia johnstonii*, in Netherlands, zoo, chemotherapy 5424
- in oligochaetes
 - monographed 3854
 - in USSR (European) 2362, 3830
 - in USSR (Far East), local survey, & new records (g. & h.) 964
- in *Ondatra*
 - host specificity 5113
 - in USSR 1194
- in *Ondatra zibethica*
 - in USA (East North Central), local survey 3974
 - in USSR (European) 2314
 - in USSR (Siberia) 6077
- in *Ophicephalus argus*, in USSR (Aral Sea), acclimatization & acquisition of parasites 2924
- in *Ovibos moschatus*
 - in Alaska 585
 - in Canada 585
 - in Norway 585
- in *Ovis ammon musimon*
 - in Czechoslovakia, epizootiology, & incidence 3929
 - in France, local survey 5000

Helminths *contd.*

- in *Ovis orientalis severtzovi*, in USSR (Uzbekistan), new records (h.) 5003
- in *Panthera leo*
 - in India 1702
 - in South Africa 4485
- in *Panaeus*, in Mexico 1127
- in perch, in USSR (Lithuania), ecology 1387
- in *Phoca vitulina largha*
 - in Okhotsk Sea, new records (h.), & seasonal variation 2896
 - in USSR (Far East) 64
- phosphate content 5961
- in pig
 - in Bulgaria, incidence on private & state farms 5109
- chemotherapy 4374
- in Chile
 - check list 1161
 - economic loss 4711
- control
 - & diagnosis 1693
 - & pathology, reviewed 1303
- control guide 6387
- in East Germany, control & husbandry 4296
- in France, epizootiology, & control 5959
- in Hong Kong, report 1788
- in Hungary, incidence 2206
- immunodiagnosis 5963
- infection & rearing methods 3949
- in Japan 1694
- mebendazole 902
- methyl 5 (6)-phenylsulphonyl-2-benzimidazolecarbamate 2031
- pathology 2880
- in Poland
 - control 4374
 - economic loss, & incidence 2572
 - survey 4374
 - weight gain 5966
- in Rumania, incidence in intensive farming 3947
- in Sweden 3426
- technique for diagnosing 449
- tetramisole hydrochloride 4374
- in USSR
 - control by husbandry 4269
 - incidence, & prophylaxis 6059-6060
- in USSR (European)
 - diagnosis, & incidence 6051
 - local survey 5659
- in USSR (Far East)
 - age & seasonal variation 334
 - economic loss 270
 - host specificity 47
- in USSR (Siberia), age variation 6057
- in USSR (Ukraine) 673
- survey 1158

Helminths *contd.*

- in pig *contd.*
 - in Yugoslavia, epizootiology, & incidence 46
 - zoonoses 1303
- in pigeon, in Brazil (Central West), local survey 4509
- in pike, in USSR (Lithuania), annual variation 1120
- in pinnipeds
 - in Australia 6082
 - listed 5614
- in *Pleuronectes platessa*, in Britain, incidence in fish farms 6109
- in predatory birds, in USSR (European), annual variation & climate 2905
- in primates, in USA (South Atlantic), zoo 4426
- & protozoans
 - in *Gallus gallus*, synergism 1175
- in man
 - in India 2394
- synergism 1175
- in *Rattus norvegicus*, synergism 1175
- in *Sus scrofa*, synergism 1175
- in *Pusa caspica*, in Caspian Sea, listed 5616
- in *Pusa hispida*, in USSR (Arctic), listed 2900
- in quail, reviewed 2908
- in rabbit
 - control, & symptoms 5036
 - general account 3975, 5979
 - precipitating antibody production 3078
- in raccoon, host specificity 5113
- in *Rachycentron canadus*, in South China Sea, listed 4530
- in Rallidae, in USSR (Ukraine) 1732
- in *Rana*, in USSR (Kazakhstan) 1784
- in *Rana chensinensis*, in USSR (Kirgizia), local survey 627
- in *Rana ridibunda*, in USSR (Kirgizia), local survey 627
- in *Rangifer tarandus*, in Sweden, local survey 4458
- in rat
 - in Cuba 4501
 - in Japan 610
- in *Rattus norvegicus*
 - in Japan 1714
 - in Tunisia, local survey 2895
- in *Rattus rattus*, in Japan 1714
- in *Redunca fulvorufula*, in South Africa, local survey 3942
- register of living species & strains 5949
- in reptiles
 - chemotherapy, & incidence, reviewed 5627
 - control, & diagnosis, general account 4520
 - in Nigeria, new records (g. & h.) 6144
 - in USSR, literature survey 2331

Helminths contd.

- in reptiles *contd.*
 - in USSR (European), new records (h.) 5178
 - in USSR (Uzbekistan), local survey 3989
- in *Rhinichthys osculus*, in USA (Pacific), incidence 5072
- in *Rhinolophus cornutus*, in Japan, local survey 5048
- in *Rhinolophus ferrumequinum*, in Japan, local survey 5048
- in rodents
 - in Finland, new records (g.) 5613
 - in France, local survey 1711
 - general account 5043
 - in India 2317
 - in Norway, new records (g.) 5613
 - in USSR (Far East) 195
 - ecology 4498
 - local survey 6194
 - in USSR (Moldavia), survey 1003
 - in USSR (Siberia), local survey 1079
 - in USSR (Tadzhikistan), listed 4491
 - in USSR (Ukraine)
 - facultative parasitism 3443
 - incidence, & new records (h.) 3212
 - incidence & host ecology 3442
 - in USSR (Uzbekistan) 3968
- in ruminants
 - in Germany, zoo, chemotherapy 4303
 - in India 6040
 - local survey, & chemotherapy 3413
 - nitroxynil 4318
 - in Poland, zoo 3944
 - in USSR (Kazakhstan) 3933
 - in USSR (Tadzhikistan), epizootiology, & incidence 5106
 - in USSR (Ukraine) 673
 - variations in anthelmintic activity, discussed 5851
- in *Rupicapra rupicapra*
 - in Czechoslovakia, incidence 2870
 - in France, local survey 5000
- in *Rutilus rutilus*, in USSR (European), ecology, & incidence 4531
- in *Saiga tatarica*, in USSR (Kazakhstan), epizootiology 1050
- in *Saimiri sciureus*, chemotherapy 3766
- in *Salmo gairdnerii*, in Spain, in fish farms 90
- in *Salmo salar*
 - in Britain, in fish farms 4934
 - in Canada, incidence 3994
- in *Salmo trutta*
 - in Spain 83
 - in fish farms 90
 - in Turkey, local survey 3454
- in salmon, in Canada 5069
- in salmonids
 - in Japan
 - local survey 1749

Helminths contd.

- in salmonids *contd.*
 - in Japan *contd.*
 - survey 1750
- in *Salvelinus alpinus*
 - in North America, survey 5635
 - in USSR (Far East), age & seasonal variation 87
- in *Salvelinus fontinalis*, in Spain, in fish farms 90
- in seal
 - in Okhotsk Sea 62
 - age variation 2897
- serodiagnosis
 - brief review 5198
 - literature review 5189
- in sewage, in tropics, economics 2799
- in sheep
 - AC-1 354, 1450
 - in Australia
 - economic benefit of anthelmintic control schemes 5360
 - economics of chemotherapy 4823
 - in Britain, pre-lambing chemotherapy 4798
- in Bulgaria
 - chemotherapy 432, 5425
 - incidence, & chemotherapy 5382
 - incidence on private & state farms 5109
- chemotherapy 413, 6378
- chemotherapy & weight gain 352
- in Chile, check list 1161
- fenbendazole 348
- furfuryl dithiocarbamate ethane 2203
- general account 4918
- in Iceland, age & seasonal variation 2014
- in India, survey 40
- in Ireland, incidence 4936
- methyl 5 (6)-phenylsulphonyl-2-benzimidazolecarbamate 2031
- in Mexico
 - control 3223
 - timing of chemotherapy 4275
- in New Zealand
 - general account 2785
 - integrated control 5369
- in Nigeria, local survey 3409
- pasture contamination, (book) 2195
- in Poland
 - chemotherapy 2676
 - economic loss, & incidence 2572
- pyrantel tartrate 2112
- in Rumania, control, economic loss, & incidence 1668
- tetramisole hydrochloride 4374
- in Turkey, breed susceptibility 4989
- in USSR (Arctic), control, & incidence 1688
- in USSR (Azerbaïdžan), ecological zoning 305

Helminths contd.

- in sheep *contd.*
 - in USSR (European)
 - local survey 3921
 - & chemotherapy 5408
 - in USSR (Kazakhstan)
 - age & seasonal variation 1035, 2009
 - control 3219
 - & incidence 2046
 - distribution 1045
 - epizootiology 1050
 - local survey 1662
 - in USSR (Moldavia), chemotherapy 5912
 - in USSR (Ukraine), survey 1158
 - in USSR (Uzbekistan), age & seasonal variations 2291
 - in Yugoslavia
 - cambendazole 4309
 - diethylcarbamazine citrate plus morantel tartrate 3815
- in shrimp, (handbook) 4921
- in snake
 - reviewed 3451
 - in USSR, new records (g. & h.) 1103
- in *Sorex*, in France, local survey, & morphology 1711
- in squirrel, in USSR (Siberia) 4506
- in *Sturnus vulgaris*
 - check list 3983
 - in Poland, local survey 5973
 - in USSR (Latvia), seasonal variation 1086
 - in USSR (Ukraine), age variation 3448
- surface ultrastructure & cytochemistry, reviewed 208
- in *Sus scrofa*, in Czechoslovakia, chemotherapy 5456
- in *Sus scrofa domesticus*, in USA (West South Central), local survey 43
- in *Synodus foetens*, in USA (South Atlantic), ecology 4598
- in *Takydromus tachydromoides*, in Japan 78
- in *Talpa europaea*, in Austria, local survey 5040
- technique for preparing
 - antigens 3104
 - extracts 4887
- in terrestrial molluscs, in USSR (Azerbaijan) 114
- in *Thymallus brevirostris*, in Mongolia, local survey 106
- in *Trachurus trachurus*, age variation 3461
- in *Trematomus bernacchii*, in Antarctica 95
- in *Triacanthus brevirostris*, in South China Sea, listed 4530
- in *Triturus*, in Britain, local survey 6098
- in trout, in USSR (Armenia), local survey 5629

Helminths contd.

- in *Turdus migratorius*, check list 4510
- in turkeys, control guide 6413
- & typhoid, in man, clinical pattern 134
- ultrastructure & function of tegument 3545
- in Unionidae, in USSR (Ukraine), local survey 3480
- in USSR (European), control, conference proceedings 5982
- in USSR (Georgia), bibliography 4427
- in USSR (Kazakhstan), eradication discussed 350
- in USSR (Latvia), systematic list 4025
- in USSR (Uzbekistan), geographical zoning 2957
- in *Uta stansburiana*, in USA (Pacific) 78
- in *Vanellus vanellus*, in USSR (European), incidence, & seasonal variation 3445
- in *Varicorhinus*, in USSR (Armenia), local survey 5629
- in vertebrates
 - activation of infective stages 2609
 - encapsulation 3119
 - postcycle parasitism, discussed 6457
 - in USSR, taxonomy, (book) 5507
- in *Vulpes corsac*, in USSR (Uzbekistan), local survey 1071
- in *Vulpes vulpes*
 - in Austria, local survey 6064
 - in Britain, local survey 6070
 - in Libya 5687
 - in USSR (Uzbekistan), local survey 1071
- in *Vulpes vulpes schlencki*, in Japan, local survey 151
- in vulture, bibliography 479
- in wild animals
 - in Europe, (book) 1591
 - in Switzerland, survey 2950
 - in USA 5658
 - in USSR (Tadzhikistan), epizootiology, & incidence 5106
 - in USSR (Turkmenia) 3348
- in wild pig, in USSR (Azerbaijan) 1063
- in *Zalophus californianus*, in USA (Pacific), pathology 274
- in *Zoarces viviparus*, in West Germany, local survey 1119
- in zoo animals
 - in Britain 3934
 - in Germany
 - control 4292
 - mebendazole 4263

Helminths, gastro-intestinal

- in cattle
 - in Brazil, trichlorphon 913
 - economic loss 6284
- in fowl, in Poland, local survey 5966
- in man
 - in Angola, pyrantel pamoate 499

Helminths, gastro-intestinal contd.

- in man *contd.*
- in Poland, incidence 1630
- in pig
- in Poland, thiabendazole 2061
- (thesis) 482
- in sheep
- in Czechoslovakia, mebendazole 2028
- economic loss 6284

Helminths, intestinal

- in dog, in USSR (Kazakhstan), control, & incidence 1707
- in man
- in Chile, sanitary conditions & epidemiology 3695
- in Ivory Coast, local survey 18
- in Paraguay, local survey 1007
- in sheep, in USSR (Belorussia), incidence 2871

Helminths, soil-transmitted, ecology & epidemiology, reviewed 823**Helminths as tags 93, 100, 1748, 2350*****Helobdella stagnalis*, regeneration & acid & alkaline phosphatases 3840*****Hemidactylus flaviviridis*, *Paradistomoides hemidactylis* 156*****Hemiechinus auritus*, *Physaloptera erinacei* n.sp. 4619*****Hemigrapsus oregonensis*, *Ascarophis* 4014*****Hemipera sharpei*, in *Batrachoides didactylus*, in Africa, morphology, & new record (h.) 3998*****Hemirhamphus georgii*, *Indocotyle elegans* n.sp. 3517*****Hemiuroidea*, function of Laurer's canal 2407****Hepatitis, & helminths, in man, clinical pattern 134*****Hepatochona praecox*, n.comb., for *Rhabdochona praecox* 4066*****Hepatojarakus bandicoti***

- in *Bandicota bengalensis*, in India, pathology of liver 5272
- in *Golunda ellioti*, in India, new record (h) 4499
- in *Millardia meltda*, in India, seasonal & sex variation 5351
- in *Mus booduga*, in India, new record (h) 4499
- in rodents, in India, prevalence 5272

H. malayae

- in *Aeromys thomasi*, in Borneo 188
- in *Tupaia*, in Borneo, & Malaysia, phylogeny 699
- in *Tupaia glis*, in Borneo 188

Heptojarakus bandicoti*, in rodents, in India, new localizations in host 4499**Herpailurus yagouaroundi*, *Paragonimus inca* n.sp. 4580*****Herpestes auropunctatus*, *Capillaria*, n.sp., [not named or described] 6065*****H. palustris*, nematodes 5019*****Herpetodiplostomum caimancola*, synonymy 2405*****Herpobdella octoculata*, *Apatemon gracilis minor* 1574****Herring**

- anisakids 1109
- Anisakis* 630
- Lacistorhynchus* 100, 2350
- Renicola* 100, 2350

Heterakis

- in earthworms, in USSR (European) 649
- in fowl

chemotherapy 2048**pathology 1330****in USSR**

- chemotherapy 1432
- parbendazole 6367
- phenothiazine plus piperazine hexahydrate 4258

in USSR (Estonia), survey 1090**in USSR (European)**

- chemotherapy 6351
- epizootiology 649
- housing conditions 1089
- hygromycin B 1488, 5846
- incidence in intensive farms 6092
- intermediaries, & seasonal variations 1412

in USSR (Lithuania), control, & incidence 1085**in USSR (Ukraine)**

- chemotherapy 2698
- host specificity & diet 1102
- incidence & control in intensive farms 5857

in USSR (Uzbekistan)

- age & seasonal variation 5054
- incidence 5055
- seasonal variation 5622

in *Numida*, pathology 769**ova, in soil, technique for assessing, contamination 4329****in turkeys, acid mucopolysaccharides in host caecum 789*****H. atthis*, n.sp., in *Alcedo atthis*, in India 204*****H. caudebrevis*, synonym of *Heterakis gallinae* 4610*****H. gallinae*****& *Ascaridia galli*, in fowl, pathology 1300****in fowl****in Bulgaria**

- chemotherapy 3799, 4861
- Tremanol 4314

fertility, migration, & mortality 3986**morphological variability & phenotypes 4610****pathogenicity & phenothiazine 1533****in USSR (Kazakhstan), age & seasonal variation 3675**

- Heterakis gallinae* *contd.*
 & *Histomonas meleagridis*
 in fowl, breed susceptibility 6151
 in *Meleagris gallopavo*, susceptibility 2961
 morphology of digestive system 3333
 & *Parahistomonas wenrichi*, in fowl, transovarial transmission 1790
 scanning electron microscopy 3003
 synonymy 4610
 in turkeys, pathology of caecum 788
- H. gracilicauda*, in *Apteryx*, in New Zealand 2992
- H. isolonche*, in pheasant, in Italy, zoo, histopathology 2552
- H. pusilla*, non-specific esterase activity in body-wall 1359
- H. spumosa*
 in mouse, fenbendazole 2695
 in rat, fenbendazole 2695
- Heteraxinoides xanthophilus*, in *Leiostomus xanthurus*, in USA (West South Central) 3996
- Heterobilharzia americana*, in dog, in USA (West South Central), case report 6068
- Heterobothrioides psenesi*, n.g., n.sp., in *Psenes indicus*, in Indian Ocean 6162
- Heterobothrium*, synonymy 6159
- H. fluviatilis*, n.sp., in *Tetraodon fahaka*, in Chad 6159
- Heterocypris incongruens*
 Echinuria uncinata 5970
 Sobolevicanthus gracilis 4056
- Heterodontus francisci*, *Nybelinia anthicosum* n.sp. 164
- Heterodoxus longitarsus*, *Dipylidium sexcoronatum* 6143
- Heterolebes diodonti*, n.sp., in *Diodon maculifer*, in Gulf of Aden 4582
- Heteronychus arator*, *Neoaplectana* 5647
- Heterophyes superspinatus*, in *Sterna hirundo*, in USSR (Kazakhstan), morphology 6179
- Heteropneustes fossilis*, *Phyllodistomum vachius* 2418
- Heterorhabditis bacteriophora*
 in *Culex pipiens*, pathogenicity 4068
 in *Galleria mellonella*, pathogenicity 4068
 n.g., n.sp., in *Heliothis punctigera*, in Australia 4068
- Heterotylenchus*, in *Musca vetustissima*, biological control agent 646
- H. pawlowskyi*, in flea, in USSR, host distribution 1132
- Hexabothriidae, anatomy of vagina & morphology of eggs, discussed 4076
- Hexameris*, in *Phthorimaea operculella*, in South America 5088
- H. albicans*
 embryology 460
 in *Galleria mellonella*, experimental 110
- Hexameris* *contd.*
- H. brevis*, in soil, in USSR (European), redescribed 703
- H. elegans*, in *Leptinotarsa decemlineata*, in USSR (Ukraine), biological control agent 1136
- Hexametra dagestanica*, n.sp., in *Vipera lebetina*, in USSR (European) 5178
- H. quadricornis*, in mouse, pathology 4162
- H. skrbajini*, morphology of male 1105
- Hexangitrema breviceca*, synonym of *Hexangitrema pomacanthi* 5678
- H. pomacanthi*, synonymy 5678
- Himasthla quissetensis*
 in *Nassarius obsoletus*
 carotenoid pigments 1951
 emergence of cercariae 3185
 host-parasite interface 4714
- Hippoglossoides platessoides*
 helminths 1122, 1748
 Otodistomum veliporum 1122
 Prosorhynchus squamatus 1122
 Stenakron vetustum 1122
- Hipposideros armiger terasensis*, *Brachylecithum taiwanense* n.sp. 1797
- Hirudinaetrema oschmarini*, n.g., n.sp., [not described], in *Haemopsis sanguisuga*, in USSR (Far East) 964
- Hirudinaria granulosa*, histochemistry of body wall muscle 2162
- Hirudinea
 in acipenserids, in USSR (European), seasonal variation 635
 in *Alburnus alburnus*, in Poland, age variation 5966
 in carp, in USSR (Estonia), age variation 1116
 evolution of organ systems, & taxonomy 3322
 in fish
 in Czechoslovakia 1114
 pathology of skin 2545
 in USSR (Aral Sea) 2930
 in USSR (Ukraine) 1114
 in freshwater fish
 in USA (East South Central) 4906
 in USA (West South Central), local survey 6477
 in USSR, local survey, (book) 6489
 in USSR (European) 637, 5071
 in USSR (Siberia), local survey 2915
 in USSR (Uzbekistan), local survey 4912
 genital primordia 5933
 helminths 643, 964, 3854, 5973
 histology 5509
 in *Ictalurus punctatus*, in USA (East North Central), local survey 3990
 in Ireland, distribution, discussed 5932
 keys to taxa, & zoogeography 471
 in North America, bibliography 2201

Hirudinea contd.

- in *Ophicephalus argus*, in USSR (Aral Sea), acclimatization & acquisition of parasites 2924
- in perch, in USSR (Lithuania), ecology 1387
- in pike, in USSR (Lithuania), annual variation 1120
- predation on *Biomphalaria glabrata* 1764
- in Rallidae, in USSR (Ukraine) 1732
- spermatogenesis 3325
- transmitting helminths, to aquatic birds 643
- in Unionidae, in USSR (Ukraine), local survey 3480
- in USA (South Atlantic), check list, & key to spp. 5934
- in USSR (Siberia) 3323, 3844
- ecology 6479
- vectors of protozoans 2923

Hirudinella ventricosa, redescribed, & systematics 5671

Hirudinellidae, synonymy 5671

Hirudo medicinalis

- dorsal topography 2160
- histology & histochemistry of salivary glands 3841
- in vitro, Santamon 1540
- neurophysiology 3839
- ultrastructure & function of nephridium 985
- ultrastructure of spermatozoa 2158

H. officinalis, symbiotic relationship with *Pseudomonas hirudinicola* 5936

Hirundo daurica formosae, *Euparyphium hirundinis* n.sp. 4575

Histiophorus orientalis, *Nuitrema strigeiformis* n.g., n.sp. 6173

Histochemistry (see also Biochemistry; Physiology)

- Acanthosentis* 4170
- Ascaris suum* 4614
- Astiotrema elongatum* 1359
- Brugia malayi* 2747
- B. pahangi* 2747
- Caenorhabditis elegans* 5781
- Calicotyle kroyeri* 5118
- Cercaria apatema* 2578
- C. dolomeda* 2578
- C. polypyreta* 2578
- Cotylophoron cotylophorum* 4760
- Cysticercus bovis* 4772, 6188
- C. fasciolaris* 4756
- Cystidicola farionis* 6192
- digeneans 2620, 6310
- Dioecocestus fevita* 1359
- Diphyllobothrium latum*, plerocercoids 1366
- Echinorhynchus gadi* 4742
- Erpobdella octoculata* 3840
- Fasciola gigantica* 820
- F. hepatica* 820, 1962, 4586

Histochemistry contd.***Fasciola hepatica* contd.**

- cercariae 813
- rediae 813
- Glossimeta orientalis* 1359
- Gordius robustus* 5783
- helminths 4758
- Helobdella stagnalis* 3840
- Heterakis pusilla* 1359
- Hirudinaria granulosa* 2162
- Hirudo medicinalis* 3841
- hydatid 3663-3664
- Hymenolepis diminuta* 4758
- H. nana* 4741
- Isoparorchis hypselobagri* 1966
- Liorchis scotiae* 1960
- Paramphistomum cervi* 1960
- Phocanema decipiens* 5290
- Poecilobdella granulosa* 3324
- Ptychobothrium cypseluri* 5070
- Schistosoma haematobium*, ova 1308
- S. japonicum* 4750
- S. mansoni* 3168, 4770
- sporocysts 2592
- Shipleya inermis*, embryophore 2979
- Spelotrema nicolli*, metacercariae 2968
- Taenia hydatigena* 814-815, 3657, 5780
- Telorchis bonnerensis* 5320
- T. corti* 5320
- Trichinella spiralis* 3179
- Wuchereria bancrofti*, microfilariae 5318
- Xenopharynx sola* 1359

Histology (see also Ultrastructure)

- acanthocephalans 5509
- cestodes 5509
- Davaineata 5150
- Diphyllobothrium dendriticum* 695
- D. ditremum* 695
- D. latum* 695
- helminths 716
- in fish 2341
- Hirudinea 5509
- Hymenolepis microstoma*, metacystode 169
- Liorchis scotiae* 1960
- nematodes 181, 5509
- Paramphistomum cervi* 1960
- parasites, in fish 2341
- Stilesia globipunctata* 5145
- Toxascaris leonina*, ova 4621
- trematodes 5509
- Histomonas meleagridis***
& *Heterakis gallinae*
in fowl, breed susceptibility 6151
in *Meleagris gallopavo*, susceptibility 2961

History

- anisakids 4951
- helminths, in man 4865
- hookworm 4438
- hydatid 1461

History contd.

- medical helminthology, in USSR
 - (Azerbaïdzhan) 5943
- Multiceps multiceps* 41
- Schistosoma* 3764
- S. japonicum* 2649
- Taenia hydatigena* 1461
- T. ovis* 1461
- Trichinella* 9
- veterinary parasitology 2165
- Holorchis micracanthum***
 - n.comb., for *Distomum micracanthum* 2414
 - in *Pagellus erythrinus*, in Italy 2414
- H. pycnopus***
 - in *Diploodus vulgaris*, in Italy, redescribed 2415
 - in *Pagellus erythrinus*, in Italy, new record (h.) 2414
- Homalometron foliatum***, to *Apocreadium foliatum*, n.comb. 5678
- Hong Kong**
 - Biomphalaria straminea* 2941
 - Clonorchis sinensis* 5757
 - Echinocephalus crassostreai* n.sp. 1832
 - E. sinensis* 1318
 - helminths
 - in cattle 1788
 - in fowl 1788
 - in pig 1788
- Hookworm** (see also named genera)
 - antigens, in rabbit, effect on heart 1918
 - in dog
 - blood changes 1320–1321
 - control, general account 5887
 - in India, plant extracts 4284
 - in domestic animals, in USSR (Georgia), control 2126
 - larvae
 - faecal culture 1555
 - migration & blood clots 2576
 - plant extracts 2060
 - in *Leo felis* 3959
 - in man
 - anaemia 251
 - in Australia, case reports 28
 - in Brazil, chemotherapy 1441
 - in Brazil (South East), local survey 1024
 - control programme 5374
 - in Costa Rica, mass chemotherapy 2080
 - in Egypt, epidemiology & water resource developments 2003
 - haematology 3136
 - immunity & vaccination 4660
 - in India
 - bephenium hydroxynaphthoate 3239
 - chemotherapy, reviewed 2671
 - in Iran
 - chemotherapy 862, 887
 - chemotherapy & sanitation 865

Hookworm contd.

- in man contd.
 - in Iraq, incidence 4431
 - iron deficiency anaemia 2535
 - in Korea, chemotherapy 2693
 - levamisole 2125
 - in Liberia, fenbendazole 5368
 - in Malawi, incidence in hospital patients 3877
 - in Nigeria, anaemia 3382
 - nuclear research recommendations 4395
 - in Pagini
 - aetiology of anaemia 758
 - IgE & chemotherapy 3049
 - serum IgE levels 1880
 - pathogenicity 1898
 - pyrantel pamoate 4294
 - serum aminotransferase 250
 - in Thailand
 - folic acid 5251
 - pyrantel pamoate 873
 - in USSR, chemotherapy 3214
 - in USSR (European)
 - control 929
 - local survey, & control 5995
 - in USSR (Georgia)
 - chloroquine 1512
 - control 1550
 - historical account 4438
 - incidence, & control, reviewed 6430
 - in USSR (Tadzhikistan), chemotherapy 3706
 - in Viet Nam
 - diarrhoea 5535
 - prothrombin index 2537
 - 65-318 iodide 3255
 - morphology of genital cone, compared 710
 - in mouse, pulmonary granulomata & macrophage renewal 1863
 - ova
 - in faeces, technique for counting 1553
 - Roccal 4266
 - & *Strongyloides*, in man 3359
 - in USSR, bibliography 2782
- Hoplerythrinus unitaeniatus***
 - Guyanema seriei* n.g., n.sp. 197
 - Spirocamallanus krameri* n.sp. 197
- Hoplopterus spinosus***, *Stellocaronema fausti* 1216
- Horatrema pristipomatis***, synonymy 5674
- Horse**
 - anthelmintics 3723, 6389
 - Ascaridia galli* 3114
 - cambendazole 2655, 2699, 4374, 5377, 6373
 - chloramphenicol 1528
 - dichlorvos 484, 4131
 - Dicrocoelium dendriticum* 3919
 - Echinococcus granulosus equinus* 6334
 - fenbendazole 884

Horse contd.

- Gastrodiscus aegyptiacus* 4131
 helminths 253–254, 573, 1034, 2788,
 4450, 4975, 6493
 hexachlorophene 4131
 hydatid 2651, 4245
 levamisole 2043
 levamisole hydrochloride plus piperazine
 dihydrochloride 2087
 levamisole hydrochloride plus piperazine
 phosphate 2087
 levamisole hydrochloride plus
 trichlorphon 2087
 mebendazole 429, 1496, 2064, 2111,
 3746, 4831
 mebendazole plus trichlorphon 3278
 methyl 5 (6)-phenylsulphanyl-2-
 benzimidazolecarbamate 2031
Micronema deletrix 2865
 nematodes 3920
Onchocerca cervicalis 3407, 5567
 oxibendazole 2690, 5421
Parafilaria multipapillosa 6028
Parascaris equorum 3114, 3723, 4977,
 6389
 parbendazole 4322
 phenothiazine plus trichlorphon 3278
 piperazine plus thiabendazole 5847
Probstmayria vivipara 962, 5566
 pyrantel bitartrate 6429
 pyrantel embonate 6429
 pyrantel pamoate 3286
 pyrantel tartrate 4298
Setaria digitata 6029
S. equina 3407
 strongylids 30, 2864, 3723, 4141
Strongyloides westeri 2150, 4451, 4895
Strongylus 2194, 3407, 3622
S. edentatus 5520
S. vulgaris 765, 1329, 2075, 2283, 3205,
 4089, 4141, 4161, 5520, 6030
 tetramisole hydrochloride 4860
Thelazia lacrymalis 4452, 5100
 thiabendazole 1496, 2655, 6390
 thiabendazole plus trichlorphon 3278
 toxicity
 of levamisole 3744
 of parbendazole 4322
 of trichlorphon 4264
 trichlorphon 1451, 4264
Trichonema 2194
T. catinatum 3206
T. goldi 3206
T. longibursatum 3206
T. nassatum 3206
 Trichonematidae 1496

Host-parasite relationships

- cestodes 2983
 definitions & terminology, reviewed 5478
Echinococcus 1781
 helminths
 in annelids 6462

Host-parasite relationships contd.

- helminths contd.
 in arthropods 4011
 in birds 1724
 in vertebrates 6457
Hymenolepis diminuta 3160
 mathematical model of genetic interaction
 5931
 parasites, in domestic birds 5621
Raillietina tetragona 1261
Schistosoma japonicum 1155
 Ilan strain 1155
S. mansoni 1145
Schistosomatium douthitti 2496
Trichinella spiralis 4200
Trichobilharzia ocellata 1756
- Host specificity**
Amidostomum 1102
Ascaridia 1102
 cestodes, in Anseriformes 5972
 Dilepididae 1722
Diplostomum 2348
Dirofilaria immitis 2942
Fasciola hepatica 3500
 filariids 2876
 helminths
 in coypu 5113
 in *Ondatra* 5113
 in pig 47
 in raccoon 5113
Heterakis 1102
Hymenolepis 2530
H. fraterna 1259
H. nana 1259
H. tenuirostris 5972
Moniliformis clarki 4489
M. moniliformis 4489
 Nanophyetidae 5332
Plagiorchis elegans 463
P. noblei 1565
Polystoma 136
Pseudobenedenia nototheniae 5670
Schistosoma mansoni 5078
 strongylids 4454
Trichinella 698
- Howardula madecassa*, n.sp., in *Carpophilus fumatus*, & *Carpophilus notatus*, in Madagascar, life-history 5694
H. truncati, n.sp., in *Carpophilus truncatus*, in Indian Ocean, life-history 5694
- Hucho hucho**
Asymphylogora imitans 6103
A. markewitschi 6103
A. tincae 6103
Azygia lucii 6102
- Hudsonia agassizi*, n.g., n.sp., in *Alepocephalus agassizi*, in North Atlantic 147
- Hungary**
Amidostomum 3250
Bothriocephalus 88
Capillaria hepatica 3972

Hungary *contd.**Dactylogyrus* 88*Fasciola* 420, 1487, 3810, 4839gastro-intestinal nematodes, in sheep
2735

helminths

in cattle 2206

in fish 3853

in fowl 443

in man 994

in pig 2206

hydatid 13

parasites

in animals 4826

in domestic animals 4282

parasitology 4282, 5939

Hurleytrema, synonymy 5677**H. malabonensis**, n.comb., for*Pseudohurleytrema malabonensis* 5678**H. pyriforme**, n.sp., in *Trachinotus falcatus*,
in USA (South Atlantic) 5677**H. shorti**n.comb., for *Pseudohurleytrema shorti*
5678

synonymy 5678

Hybognathus hankinsoni, *Dactylogyrus**hankinsoni* n.sp. 679**Hydatid** (see also *Echinococcus*)

in animals, control programme 5384

antibodies 5230

antigen analysis 720

antigenic specificity 3594

in *Bubalus bubalis*, in India, case report
2869

in buffalo, in India 129

in camel, in Egypt, immunodiagnosis
1255

in cattle

in Argentina, incidence, & prophylaxis
2840in Brazil (South), diagnosis by Casoni
test 2454

in Bulgaria, local survey 5103

in Korea 2295

in Peru, local survey 4235

serodiagnosis 1285

in Tanzania 1679

in USSR, economic loss 3248

in USSR (Belorussia), incidence 4557

in USSR (Kazakhstan), epizootiology
1418in USSR (Tadzhikistan), distribution, &
incidence 1674in USSR (Ukraine), variations in
incidence 2953in diagnosis by counterimmunoelectropho-
resis 4670

diagnosis by FAT 5239

diagnosis by IEP 5245

in domestic animals

in Australia, incidence 6379

in Bulgaria, control 3807

Hydatid *contd.*in domestic animals *contd.*

in Denmark 3355

in Iran 666

& man, in Australia, control
programme 5827

in USSR (Siberia)

control, economic loss, & incidence
1783

morphological types 168

in donkey, in USSR (Uzbekistan) 4978

in *Equus burchelli antiquorum*,
experimental transmission to lion
5111& *Fasciola*, in man, concomitant infection
1611& *Fasciola hepatica*, in man, case report
4413in *Galago crassicaudatus*, case report
2844

in guinea-pig, diagnosis by PCA 719

histochemistry of brood capsules &
scolecex 3664histochemistry of germinal membrane
3663

in horse

in Britain

epizootiology 2651

incidence, & epizootiology 4245

immunology, reviewed 5219, 5227

in man, diagnosis by COE 2499

in vitro, maintenance 2586in Japan, ecology, & epizootiology,
reviewed 5345

lecithins & eosinophilia 2458

in *Lemur catta*, case report 2844

lipids 5296

& liver-fluke, in man, case report 1618

in *Macaca mulatta*, case report 2844in *Macropus giganteus*, in Australia,
transmission to dog 3201

in mammals

in Australasia, incidence 321

in New Zealand, history of control
1461

in man

in Afars & Issas, localization in kidney
519in Algeria, localization in myocardium,
& fatal case 3895

altitude & lung infection 2862

in America

brief note 3192

report 2258

in Argentina, incidence, & prophylaxis
2840

in Australia

case reports 510, 566

chemotherapy & immunization,
report 341

eosinophilic cystitis 2235

incidence 4, 6379

Hydatid contd.in man *contd.*in Australia *contd.*

recurring infection 3

in Bangladesh, case reports 2242

bile and duct fistula 2268

in Britain

in archaeological material 3910,
5565

cerebral disease 4398

case report 1634, 2238, 3897

Casoni & IEP, compared 3112

in Chile

incidence, reviewed 2839

localization in liver 784

subcutaneous seeding after treatment
by surgery 554

cholangiography 1642, 2225

clinical evaluation 4397

clinical immunological aspects 1288

complement system 4101

control programme 5384

diagnosis

discussed 4955

& neurosurgery 2823

& SH-groups in plasma 764

diagnosis by agar gel diffusion 1843

diagnosis by double gel diffusion 3051

diagnosis by ELISA 3553, 5200

diagnosis by HAT 5717

diagnosis by IEP 2500

diagnosis by IHAT & IT, compared
729diagnosis by immunoelectrophoresis
3581

diagnosis by immunoprecipitation 721

diagnosis by IT 3581

discussed 2459, 2507, 2523

diagnosis by modified

immunoelectrophoresis 215

diagnosis by PCA 272

diagnosis by radiology 515, 4445

diagnosis by scintigraphy 4436

diagnosis & treatment, discussed 4947

ectopic localization 1638

in Egypt

diagnosis by immunological tests
4082

localization in thyroid 5986

empyema 4957

geographical distribution, incidence, &
localization 2840

in Germany

diagnosis 2254

fatal case 521

host sulphhydryl groups 256

in Hungary, localization in orbit 13

IgE antibodies 4638

immunoelectrophoresis 3111

immunoglobulin levels 1269

immunoglobulins 1852, 5238

immunological cross reactions 3043

Hydatid contd.in man *contd.*

in India

case report 2263

case reports 565, 4953

local survey 560

localization in lung 6018

localization in skull, & treatment by
surgery 2245

multiple abdominal cysts 2832

retrovesical localization 2212

intrahepatic rupture 2831

in Iran

epidemiology 17

incidence 504

local survey 505

localization in skull 3914

in Iraq, localization in pancreas 2830

in Israel

case report & treatment by surgery
6003

obstructing labour 2815

in Italy, local survey 4958

in Kenya, research programme 4028

in Laos, localization in eye 5531

in Lebanon, pathology of lung, & X-ray
findings 511

localization in bone & joints 3908

localization in brain & spine 530

localization in cranial arch bone 3368

localization in kidney 2273

& treatment by surgery 5548

localization in liver, general account
5529localization in lung, & radiological
observations 4952

localization in spine 5

lymphocyte transformation test 3113

in Morocco, treatment of bilio-bronchial
& bilio-pleuro-bronchial fistulas
889

morphology 5747

in Nepal, localization in bladder 524

in Netherlands, exotic infection 1653

neurological localization 2809

in New Zealand

history of control 1461

incidence 2219

(report) 2804

paludrin 425

pathology of liver 5747

& treatment by surgery 6270

pathology of muscle, brief account
3334

in Peru, specificity of IT 3097

in Poland, case report 2816

postoperative serodiagnosis 4108

radiology of perforated pulmonary cysts
1028

recent advances 494

in Rhodesia, localization in prostate &
treatment by surgery 1016

Hydatid *contd.*in man *contd.*

- serodiagnosis 2518, 3050, 5220
 - reviewed 3548
- serum IgE 4118
- in Spain, treatment by surgery 910, 916
- technique for diagnosing, by
 - immunoelectrophoresis 226
- tissue response 4166
- in Tunisia, localization in heart 5532
- unusual case 3360
- unusual localizations 4399
- unusual presentation & treatment by surgery 3879
- in Uruguay, survey 21, 2847
- in USA, urinary involvement 5539
- in USA (Mountain), survey 4969
- in USA (Pacific), involvement of Basque population 3193
- in USSR
 - case report 3396
 - clinical course & immune response 1656
 - control, & epidemiology 2637
 - localization in pancreas, & treatment by survey 1605
 - treatment by surgery 3380
- in USSR (Ukraine), control programme 1460
- in USSR (Uzbekistan), haematology 1339
- in *Mandrillus sphinx*, case report 2221
- in *Meriones unguiculatus*
 - host IgG 3037
 - susceptibility 213
- in mouse
 - cell-mediated immunity 4627
 - host IgG 3037
 - immunization 5243
 - irradiation & cyst development 5287
 - mebendazole 382
 - susceptibility 213
- in *Phodopus sungorus campbelli*, development 5035
- in pig
 - in Bulgaria, local survey 5103
 - diagnosis by CFT & HAT 5224
 - in Poland, incidence of fertile cysts 1061
 - in USSR (Belorussia), incidence 4557
 - in USSR (Kazakhstan), epizootiology 1418
 - in USSR (Ukraine)
 - control programme 1460
 - variations in incidence 2953
- in rabbit
 - anti-lymphocyte serum & allergic reaction 1221
 - lymphocyte transformation test 3113
- in *Rangifer tarandus*, giant cell reaction 1335

Hydatid *contd.*

- in rodents, complement system 4101
 - in ruminants
 - in Iran
 - incidence 504
 - local survey 505
 - in USSR (Azerbaijan), distribution in liver & lungs 6033
 - in USSR (Ukraine), control programme 1460
 - in sheep
 - antigenic fractions 1866
 - in Australia, chemotherapy & immunization, report 341
 - in Bulgaria, local survey 5103
 - diagnosis, & SH-groups in plasma 764
 - epizootiology 224
 - histopathology 5277
 - host sulphhydryl groups 256
 - hyaluronidase 5305
 - immunity 1268
 - isolation of antigens 4671
 - in Korea 6042
 - in New Zealand, (report) 2804
 - in Peru, local survey 4235
 - refractory to infection 2288
 - serodiagnosis 1285
 - in USA (Pacific), involvement of Basque population 3193
 - in USSR, economic loss 1332, 3248
 - in USSR (Belorussia), incidence 4557
 - in USSR (Kazakhstan), epizootiology 1418
 - in USSR (Siberia), incidence 36
 - in USSR (Uzbekistan)
 - development 5923
 - haematology, & local survey 1339
 - vitamin A & C content 1311
 - ultrastructure of germinal membrane 2430
 - in ungulates, in USSR (Kazakhstan), incidence 4030
 - in wild animals, in South Africa, local survey 5111
 - in wild ruminants, in USSR (Kazakhstan) 1036
- Hydatid, alveolar**
- antigenic specificity 3594
 - geographical distribution 5964
 - in hamster, experimental 3970
 - in vitro, permeability of cyst wall 4195
 - in laboratory animals 1162
 - in man
 - complement system 4101
 - development & proliferation 464
 - in France, proguanil hydrochloride 4793
 - morphology 5747
 - pathology of liver 5747
 - prophylaxis 410
 - in *Meriones unguiculatus*, mebendazole 2706

Hydatid, alveolar contd.

in *Microtus pennsylvanicus*, in USA
(West North Central), annual variation
4494

in mouse

chemotherapy & inhibition of cyst
growth 5861

levamisole, mode of action 3712

mebendazole 1442

mode of action 3712

secondary infections &

immunosuppression 4079

in *Ondatra zibethica*, histology of capsule
4052

in *Peromyscus maniculatus*, in USA (West
North Central), annual variation
4494

in *Phodopus sungorus campbelli*,
development 5035

in rodents

complement system 4101

in USSR (Kazakhstan), epizootiology
4224

& *Salmonella*

in mouse 3510

in rat 3510

in sheep

experimental 1162

histology of capsule 4052

hyaluronidase 5306

pathology 1353

in *Sigmodon hispidus*

laboratory model for anthelmintic

screening 6384

mebendazole 1442

postoperative proliferation 4159

treatment by surgery & intrathoracic
metastases 4114

in ungulates, in USSR (Kazakhstan),
incidence 4030

Hydatid cyst fluid

antigen fractions 233

blood group antigens 1875

Hydatigera krepkogorski, in *Ochotona*

rufescens, in USSR (Turkmenia), new
record (h.) 1078

Hydrobia ulva, *Maritrema oocysta* 3309

H. ventrosa, *Maritrema subdolum* 5474

Hydrochoerus hydrochaeris, helminths
4496

Hydromermis acutipenis, n.sp., in

chironomids, in USSR 486

H. angusticauda, n.sp., in *Tanytarsus*

exiguus, in USSR 487

H. borokii

n.sp., in *Glyptotendipes*, in USSR

(European) 487

morphology 4072

H. grandis, morphology 4072

Hydrophis cyanocinctus, *Hydrophitrema*
gigantica 2330

Hydrophitrema gigantica, in *Hydrophis*
cyanocinctus, in China (Hong Kong),
ecology, & morphology 2330

Hyemoschus aquaticus

Cooperia dubosti n.sp. 187

Hyostromylus gabonensis n.sp. 187

Toxocara warreni n.sp. 187

Hylarana albolabris albolabris, *Polystoma*
gabonensis 137

Hylastes, *Allantonema paramorosum* n.sp.
2181

Hylobates lar

Anatrichosoma 2223

Schistosoma haematobium 4715

Hylurgops, *Bursaphelenchus newmexicanus*
n.sp. 2189

H. pinifex

Aphelenchoides hylurgi n.sp. 2188

Contortylenchus bullus n.sp. 2182

Parasitorhabditis hylurgi n.sp. 2184

Parasitylenchus coronatus n.sp. 2181

H. subcostulatus, *Plectonchus molgus* n.sp.
2185

Hymenocotta manteri

morphology 3016

n.sp., in *Mugil cephalus*, in USA (South
Atlantic) 5676

Hymenolepidid larvae, in *Eucyclops*
serrulatus, mixed infections 5328

Hymenolepididae, n.ordo 2200

Hymenolepidids

in Anseriformes, site specificity 5972

in aquatic birds

in Britain, local survey 2902

in USSR (Kazakhstan) 3834

ecology of intermediaries 5082

intermediaries 2361

& bothriocephalids, in crustaceans,
interaction 3511

in branchiopods, in USSR (Kazakhstan)
3834

in copepods, in USSR (Kazakhstan), local
survey 2361

in *Cygnus olor*, in Poland, incidence
3984

in invertebrates, in USSR (Kazakhstan)
5082

in man, antigenic structures, compared
1260

in mouse, antigenic structures, compared
1260

in rat, antigenic structures, compared
1260

Hymenolepids

in Mecoptera, first record 2938

in Myriapoda, first record 2938

Hymenolepis

in crustaceans, in USSR (Far East) 5815

in duck
in USSR (European), epizootiology
5815

Subject Index

Hymenolepis contd.

- in duck *contd.*
 - in USSR (Far East), chemotherapy 446
- in *Fundulus diaphanus*, in Canada, new record (h.) 5636
- in goose
 - chemotherapy 3298
 - mebendazole 2039
- in man
 - niclosamide 5969
 - in Poland 5968
 - symptomatology 3612
 - tin compounds 5969
 - in USSR, chemotherapy 4817
 - in USSR (European)
 - acrichin plus pumpkin seed extract 441
 - control programme results 6423
 - niclosamide 400
 - in USSR (Moldavia), control, reviewed 892
 - in USSR (Ukraine)
 - control, & distribution 857
 - local survey 553, 2825
- in molluscs, in USSR (Far East) 5815
- in mouse, transmission to zoo animals & man 4225
- n.sp.
 - [not named or described]
 - in *Apodemus sylvaticus* 2530
 - in Britain 2432
- ova, Roccal 4266
- in rodents, development, host specificity, & immunity 2530
- in *Sorex*, in Europe, life-cycles, compared 2938
- stibophen, mode of action 2723
- H. aklei***, n.sp., in *Antechinus stuartii*, in Australia 4075
- H. bahl***, in *Crocidura caerulea*, in India, morphology 1203
- H. bradleyi***, n.sp., in *Antechinus stuartii*, in Australia 4075
- H. christensoni***, in Chiroptera, in USA, redescribed 5683
- H. diaphana***
 - cysticeroids
 - in *Lithobius*, in France, new record (h.) 2938
 - in *Panorpa communis*, in France, new record (h.) 2938
- H. diminuta***
 - bile salt adsorption 5317
 - bile salts & glucose & oleic acid uptake 5316
 - carbohydrate transport 3662
 - cation binding & phosphohydrolase activity in tegument 4196
 - Concanavalin A adsorption & effect on transport 1363

Hymenolepis diminuta contd.

- cysticeroids
 - axenic development 466
 - ultrastructure of scolex 163
- enzyme composition of developmental stages 4758
- glycogen uptake 297
- in insects, in Peru 5081
- in man, in Paraguay 4943
- in *Meriones unguiculatus*, in laboratory colony 4504
- metabolic gradient 2585
- in mouse
 - congenital athymia & worm expulsion 4623
 - immune damage 2460
 - tegument damage & immunology 3023
 - thymus dependent immune response 2462
 - thymus-dependent rejection 4081
 - thymus & worm expulsion 4650
- nucleoside uptake 4757
- phosphorylase activity 5779
- pyruvate kinase isoenzymes 6292
- in rat
 - aetiology of worm loss 2517
 - compensation for intestinal malabsorption 5273
 - crowding 2624
 - energy budgets 3160
 - fenbendazole 1452
 - glucose & migration 6319
 - glucose uptake & pH 811
 - growth & host carbohydrate intake 6294
 - host diet & development 2606
 - host intestinal amylase activity 6281
 - host nutrition 6293
 - immune expulsion 2483
 - pathogenicity 5749
 - population dynamics 6316
 - tegument damage & immunology 3023
 - water, glucose & electrolyte fluxes 5782
- in *Rattus leucopus*, in New Guinea, new record (g.) 1819
- in *Rattus rattus*, in India, morphology 2985
- in *Tribolium confusum*, development & mebendazole 6366
- ultrastructure of egg shell 4054
- ultrastructure of nephridial system 5154
- H. diorchis***, in *Somateria molissima*, in Iceland, validated 2427
- H. erinacei***
 - in Coleoptera, in Czechoslovakia, local survey 5638
 - in *Erinaceus europaeus*
 - population dynamics 4216
 - site distribution 2631
 - in *Necrophorus investigator*, in Czechoslovakia, new record(h.) 5638

***Hymenolepis erinacei* contd.**

in *Saprinus semistriatus*, in
Czechoslovakia, new record(h.) 5638

H. fraterna

in mouse, incidence, & host specificity
1259

ova, in sewage, survival 849

H. furcata, cysticercoids, in *Panorpa
communis*, in France, new record (h.)
2938

H. gertschi, in Chiroptera, in USA,
redescribed 5683

H. gilloni, in *Oxydesmus granulosus*, in
Dahomey 645

H. guadeloupensis, n.sp., [not described], in
aquatic birds, in Guadeloupe 6184

H. hopkinsi, in duck, growth & development
3833

H. (Hymenolepis) nitida, n.comb., for
Echinocotyle nitida, Clerc, 1906 6184

H. lasionycteridis, n.sp., in *Lasionycteris
noctiyagans*, in USA (Pacific) 5683

H. makundi, in *Streptopelia chinensis*, in
India, morphology 1203

H. meszarosi, n.sp., in *Alticola roylei
semicanus*, in Mongolia 5682

H. microstoma

bile salt adsorption 5317

bile salts & glucose & oleic acid uptake
5316

cysticercoids

age affecting excystment & infectivity
3164

in vitro, maintenance & infectivity
3165

glucose uptake 299

haem requirements 6301

in vitro

culture 4752

development 3313

metacestode, anatomy & histology of
nervous system 169

metacestodes, ultrastructure of nervous
system 6187

in mouse

acquired immunity 2484

immunity to secondary infection 5707

pathology of transplant infections
6283

testosterone & parasite metabolism
3653

in *Tribolium confusum*, morphogenesis of
calcareous corpuscles 5142

ultrastructure of non-ciliated sensory
receptor 1821

ultrastructure of synapses 4599

H. nana

in *Citellus citellus* 3976

cysticercoids

in vitro

culture 2615

excystation 3661

***Hymenolepis nana* contd.**

cysticercoids contd.

in mouse

budding 3967

& *Tribolium confusum*, differences in
cyst structure & function 1355

in hamster, autoinfection 3441

in vitro

diphenhydramine & motor activity
1368

histamine & motor activity 1368

motility 3654

in laboratory animals, immunization &
serodiagnosis 1845

loss of embryonic hooks 4351

in man

chemotherapy, discussed 5867

immunization & serodiagnosis 1845

immunopathology 275

niclosamide, mode of action 5383

pathology of nervous system 1900
in Poland

epidemiology 5964

local survey 5964

timing of treatment 6399

in USSR, control by sanitation 1027

in USSR (Georgia), niclosamide 1549

in USSR (Tadzhikistan)

niclosamide 5443

transmission by flies 5343

in mouse

alkyl & aryl 1-methyleneallyl

phosphates, phosphonates &

phosphinates 3772

antibiotic G-418 407

Ascaris suum metabolic by-products &
development 282

bitoscanate 6406

carbohydrate & protein metabolism of
host & parasite, compared 4741

chemotherapy 4283, 5393

incidence, & host specificity 1259

niclosamide, polymorphous forms
5363

niclosamide & restrobilation 4279

oncospheral agglutination 2488

passive immunity 230

4-quinolinehydrazones 3771

serodiagnosis 6231

standardization of experimental
infection 6446

strain adaptation 56

thiabendazole 2731

thiabendazole in feed 6426

ova, in flies, in USSR (Tadzhikistan)
5343

in rabbit, oncospheral agglutination 2488
in rat

lipid & vitamin B₁₂ absorption 1336

mast cells 3582

Subject Index

- Hymenolepis nana* contd.**
 in *Sciurus carolinensis carolinensis*, in
 USA (East South Central),
 corrigendum 5038
 technique for culturing 4763
 yeast extract & *in vitro* culture 4763
- H. nana* var. *fraterna***, in *Leucophaea*
maderae, development & host reaction
 3494
- H. roudabushi***, in Chiroptera, in USA,
 redescribed 5683
- H. schaldybini***, cysticeroids, in *Panorpa*
communis, in France, new record (h.)
 2938
- H. tenuicollis***, n.sp., in *Anas platyrhynchos*
platyrhynchos, in Japan 5152
- H. tenuirostris***, in Merginae, host specificity
 5972
- H. (Weinlandia) tenuicollis***, n.sp., in *Anas*
platyrhynchos platyrhynchos, in Japan
 5152
- Hyostrongylus gabonensis***, n.sp., in
Hyemoschus aquaticus, in Gabon 187
- H. rubidus***
 life-history 2757
 in pig
 in Belgium, incidence 3951
 cambendazole 3803, 4847
 chemotherapy 4274
 fenbendazole 2696
 in France 4475
 site distribution 6056
 maternal transfer of agglutinating
 antibodies 5234
 in USSR (Belorussia) 1692
 weight gain 3138
- Hypentelium nigricans***
Dactylogyrus apos 679
Isoglaridacris, n.sp., [not named or
 described] 107
- Hyperolius ocellatus purpureus***,
Haematoloechus ocellati n.sp. 5669
- H. tuberculatus***, *Polystoma batchvarovi* n.sp.
 137
- Hyperparasitism**, *Nosema diplostomi*, in
Diplostomum 3513
- Hypophthalmichthys molitrix***
Dactylogyrus hypophthalmichthys 1752
Diplostomum 1995
D. spathaceum 3132
- Hypostomus robinii***, *Unilatus unilatus*
 1177
- Hyptiasmus oculus***
 cercariae, encystment 804
 rediae, motor mechanism 804
- Hystrix indica***, *Trichostrongylus*
colubriformis 5186
- H. leucura***, helminths 4497
- Iceland**
Diorchis diorchis 2427
 helminths, in sheep 2014
Hymenolepis diorchis 2427
- Iceland contd.**
 strongylids 2014
- Icelanonchhaptor icelanonchhaptor***, n.sp.,
 in *Catostomus catostomus*, in Canada
 135
- Ichthyobdella funduli***, synonym of
Myzobdella lugubris 4907
- Ichthyospirura turkestanica***, synonym of
Rhabdochona hellichi 4066
- Ichthyostongylus***, key to spp. 6201
- I. scorpaenaeacirrhosae***, for *Trichostrongylus*
maci 6201
- I. thunni***, diagnosis emended 6201
- Ichtyobronema***, synonym of *Haplonema*
 174
- I. conoura***, von Linstow, 1885, *sensu*
 Gnedina & Savina, 1930, synonym of
Haplonema hamulatum 174
- I. gnedini***, synonym of *Haplonema*
hamulatum 174
- Icosiella neglecta***, in *Buteo buteo*, in Spain
 2388
- Ictalurus catus***
Contracaecum brachyurum 2344
Illinobdella moorei 2344
Myzobdella lugubris 983
- I. melas***
Cleidodiscus pricei 2344
Corallobothrium giganteum 2344
- I. nebulosus***, *Diectophyme renale* 5925
- I. punctatus***
Allacanthochasmus varius 3990
 Hirudinea 3990
Neoechinorhynchus rutili 3990
- Ictinogomphus clavatus***, *Prosthogonimus*
anatinus 2973
- I. rapex***
Prosthogonimus anatinus 2973
P. cuneatus 2973
- Idiobdellidae**, n.fam. 471
- Idotea baltica***, *Maritrema subdolum* 5474
- Ilisha***, *Papillochoricotyle ilishae* n.g., n.sp.
 6161
- Illinobdella***, synonym of *Myzobdella* 4907
- I. alba***, synonym of *Myzobdella lugubris*
 4907
- I. elongata***, synonym of *Myzobdella lugubris*
 4907
- I. moorei***
 in *Etheostoma squamiceps*, in USA (East
 South Central), new record (h.) 4906
 in *Ictalurus catus*, in USA (Pacific) 2344
 in *Notropis cornutus*, in USA (East South
 Central), new record (h.) 4906
 synonym of *Myzobdella lugubris* 4907
- I. patzcuarensis***, to *Myzobdella*
patzcuarensis, n.comb 4907
- I. richardsoni***, synonym of *Myzobdella*
lugubris 4907
- Immunity (see also Resistance)**
 alveolar hydatid 4114
Ancylostoma caninum 243

Immunity contd.

- Angiostrongylus cantonensis* 1238, 1709
Ascaris suum 4099, 6230
Brugia malayi 4673
Coenurus 1222
Cysticercus 2534
C. bovis 2525, 2532
C. pisiformis 4642
Dictyocaulus filaria 242, 3271
D. viviparus 242
Fasciola gigantica 1227
F. hepatica 728, 1865, 2455, 2486
 filiariids 2511
 gastro-intestinal nematodes
 in cattle 5814
 in man 5228
 in sheep 5814
Heligmosomoides polygyrus 2470
 helminths 2514
 in animals 3046, 3068
 in invertebrates 4924
 in man 3068
 in molluscs 4691
 hookworm 4660
 hydatid 1268, 5220, 5243
Hymenolepis 2530
H. diminuta 2483
H. microstoma 2484, 5707
H. nana 230
Litomosoides carinii 5233
Marshallagia 2299
Metastrongylus apri 733
Moniliformis dubius 2456
Necator americanus 1237
 nematodes 5236
 in mouse 1243
Nematodirus 2299
N. battus 2506, 4107
N. helvetianus 4936
Nippostrongylus brasiliensis 1244, 3074,
 4102, 4117, 4645, 5963
Onchocerca volvulus 740
Opisthorchis felinus 3574
Ostertagia 2299
O. circumcincta 246
 parasites
 in animals 4649
 in man 4649
Schistosoma 2511
S. bovis 4685
S. haematobium 3568, 4088
S. mansoni 746, 1278, 2504, 3088, 3572,
 4088, 4681, 4685, 5197, 5240, 5257
S. matthei 4685
S. rodhaini 4685
Spirometra theileri 3082
Stephanurus dentatus 6260
 strongylids 30
Strongyloides papillosus 1338, 3593
S. ratti 1244
Strongylus vulgaris 4089
Taenia hydatigena 1348

Immunity contd.

Taenia contd.

- T. pisiformis* 5728
T. saginata 5714
T. taeniaeformis 2498, 4663, 5215-5216,
 5223, 5714
 trematode larvae, in *Planorbis planorbis*
 3587
Trichinella 1590
T. spiralis 724, 2521, 3570, 4102, 4116,
 4125, 4181, 6250
Trichobilharzia ocellata 3551
Trichuris muris 240, 2529, 3109
T. ovis 5736

Immunology

- Acanthocheilonema perstans* 1272
 alveolar hydatid 3594, 4079, 4101
Ancylostoma caninum 3026, 4660, 6238
A. ceylanicum 2519
Angiostrongylus cantonensis 232, 1878,
 3034, 3607, 4692, 4695, 5195, 5226,
 5246, 6217
Anisakis 717, 744, 3096, 4692, 5735
Aphelenchus avenae 2475, 5199
Ascaridia 1281, 3052, 4123
A. galli 293, 748, 1319, 3114
 ascarids 748
Ascaris 237, 1918, 2458, 2468, 3018,
 3259, 4123, 4690, 5199, 5214, 5244,
 5247, 5710, 5730, 5964
 allergen 3102
 antigen 6256
A. lumbricoides 748, 1283, 1880, 4692
A. suum 214, 731, 736, 741, 748, 1283,
 1884-1885, 3080, 3103, 3609, 4105,
 4130, 4156, 4636, 4675, 4692, 5217,
 5225, 5500, 5724, 5741, 5963
Aspiculuris tetraptera 1225, 2461
Brugia malayi 2522, 4673
B. pahangi 5188, 6252
Bunostomum trigonocephalum
 4687-4688
Capillaria hepatica 1870, 1937, 2555
 cestode larvae 5519
 cestodes, in man 1862
Clonorchis 2467-2468, 3035
C. sinensis 2453, 2492, 6209
Coenurus cerebralis 3110
Cysticercus 239, 1234, 2203, 3076, 3098,
 4094, 5199, 5716, 5963
C. bovis 1258, 1276, 1918, 2503, 2531,
 3069, 3563, 3584, 3595, 4154, 6210,
 6466
C. cellulosae 3056
C. fasciolaris 6221
C. ovis 3926
Cystocaulus ocreatus 3032
Dictyocaulus 3048
D. filaria 231, 242, 723, 1844, 2465,
 2475, 3025, 3271, 4651, 5199,
 6226-6227, 6240
D. viviparus 242, 3025, 5971

Subject Index

Immunology contd.

- Dipetalonema dessetae* 1851
D. wite 1851, 2510, 3557
Dirofilaria immitis 727, 4087, 4135, 4478, 5237, 5602, 5704
Echinococcus 3549, 5712
 antigen 3020–3021, 3550, 3577, 4626
E. granulosus 227, 341, 3573, 5706
E. multilocularis 3573, 5212, 5229
Echinostoma liei 117
E. lindoense 117
E. paraensei 117
Fasciola 223, 1918, 2471, 3019, 3106, 3157, 4129, 4373, 5202, 5244, 5698–5699, 6449
F. gigantica 1604, 2547, 3062, 3092, 4689
F. hepatica 219, 738, 1241, 1849–1850, 1928, 2463, 2478, 2803, 3062, 3821, 4096, 4635, 5206, 5288
 filariids 1239, 1334, 1859, 1869, 4077, 4084, 4658, 4682
 gastro-intestinal nematodes, in domestic animals 6254
Grillotia erinaceus 6108
Haemonchus contortus 732, 747, 1235, 4086, 4100, 5249, 5520
H. contortus cayugensis 5801
Heligmosomoides polygyrus 5193
 helminths 1846, 1857, 2472, 3036, 4625, 5189, 5198, 6243
 in animals 726, 2474, 3602, 4092, 4662, 5324
 in *Didelphis virginiana* 2509
 in domestic animals 3350
 in laboratory animals 4366
 in mammals 1267
 in man 238, 1228, 1267, 1287, 1855, 2494, 2518, 3083, 3552, 3556, 3582, 3590, 3600, 4106, 4119, 4124, 4640, 4652, 5194, 5708, 5914, 5963, 5974, 6218
 in pig 5963
 in rabbit 3078
 hookworm 1863, 1880, 1918, 3049, 4660
 hydatid 215, 224, 226, 272, 341, 719–721, 729, 784, 1221, 1255, 1269, 1285, 1288, 1656, 1843, 1852, 1866, 2454, 2458, 2499–2500, 2518, 3037, 3043, 3050–3051, 3097, 3111–3113, 3553, 3581, 3594, 4101, 4108, 4118, 4627, 4638, 4670, 5200, 5219, 5224, 5227, 5230, 5238–5239, 5245, 5717
 in sheep 4671
 hydatid cyst fluid 233, 1875
 hymenolepidids 1260
Hymenolepis diminuta 2460, 2462, 2517, 3023, 4081, 4623, 4650
H. nana 275, 1845, 2488, 3582
Hyostromylus rubidus 5234
Litomosoides carinii 3603, 4683, 4694
Loa loa 1239

Immunology contd.

- lungworms 5963
Macracanthorhynchus hirudinaceus 3107
Mesocostoides corti 1858, 5213
Metastrongylus 3105, 5963
M. apri 4104
Moniezia expansa 3597
Moniliformis dubius 2457
Multiceps multiceps 3110
Necator 4720
N. americanus 1237, 2533, 2536, 4686, 4788
 nematode allergens, in man 1229
 nematodes 2479
 in cattle 2202
 in man 4710
 in mouse 1243
 in sheep 2202
Nematodirus 3085
Nematospiroides dubius 1876, 1904, 2489, 6213, 6233
Nippostrongylus brasiliensis 742, 1245, 1248, 1853, 2487, 2489, 2501–2502, 2533, 3063, 3084, 4657, 4667, 5209, 5232, 5723, 5725–5727, 6213, 6248–6249
Obeliscoides cuniculi 6229
Oesophagostomum 1299
Onchocerca 2513, 3606, 6215
O. volvulus 1224, 3041, 3578, 6027, 6214
Opisthorchis 225, 279, 3079
Ostertagia circumcincta 3031, 4164, 5734, 6253, 6333
O. ostertagi 2527, 4349, 4644, 6339
Paragonimus 2246, 2490, 2495, 4734, 6219
P. africanus 4666
P. miyazakii 4692
P. ohirai 4692, 4795
P. sadoensis 4692
P. uterobilateralis 4666
P. westermani 734, 4692
Paramphistomum 1928
Parascaris equorum 3114
 parasites 4647
 in fish 3039, 4113
Paraspidodera uncinata 214
Posthodiplostomum minimum 218
Raillietina cesticillus 2477
Rhabditis axei 2475, 5199, 6226
Schistosoma 209, 220, 722, 1239–1240, 1852, 1859, 2481–2482, 3017, 3043, 3095, 3553, 3558, 3561, 3589, 3605, 3618, 4384, 4637, 4643, 5235, 5701, 5739, 6215
S. bovis 4685
S. haematobium 1232, 1882, 3092, 3588, 3626, 5210
S. japonicum 228–229, 745, 1938, 2485, 4639, 4646, 4648, 4661, 4684, 4692, 5242, 5740, 6234
 strains 749

Immunology contd.

Schistosoma contd.

- S. mansoni* 222, 236, 718, 750, 797,
1217-1218, 1231-1232, 1252, 1270,
1274, 1277, 1632, 1847, 1882, 2491,
2504-2505, 3028, 3088, 3547, 3555,
3567, 3572, 3583, 3588, 3591, 4085,
4109-4110, 4624, 4641, 4654, 4656,
4681, 4685, 5191, 5196, 5207, 5241,
5257, 5560, 5731, 5733, 6212, 6223,
6232, 6236-6237, 6258

ova 4112, 4631

& tetanus 5700

& typhoid 5660

S. matthei 4122, 4685

S. nasalis 5711

S. rodhaini 4685

Strongyloides 5765

S. papillosus 1263, 1273, 1317, 1877,
3593

S. ransomi 1246-1247, 1249, 1282

S. ratti 1286, 6235

S. stercoralis 1331, 1657, 4629

Strongylus 6259

S. edentatus 5520

S. vulgaris 5520

Syphacia obvelata 1265

Taenia crassiceps 2466

T. hydatigena 3566

T. ovis 5729

T. pisiformis 1256-1257, 4097, 5732

T. saginata 2480, 2503, 2512, 2515,
2526, 3018, 3584, 3608, 4090, 5244

T. solium 3566, 3579

T. taeniaeformis 4663-4664, 5216, 5223
(textbook) 3857

Toxocara 4123, 5247, 5737

T. canis 214, 730-731, 1219, 1874,
1883-1884, 2493, 2548, 3065, 3403,
3609, 4130, 4692

T. mystax 748

trematodes, in Physidae 3565

Trienophorus nodulosus 5713

Trichinella 1226, 1250, 1275, 1279, 1842,
1852, 1868, 1873, 2786, 2793, 3022,
3027, 3029, 3044, 3053, 3060-3061,
3086-3087, 3101, 3549, 3576, 3595,
3598-3599, 3640, 4111, 5199, 5722,
5963, 5967, 6211

larvae 3045

T. nativa 2990

T. pseudospiralis 2990

Immunology contd.

Trichinella contd.

- T. spiralis* 212, 217, 221, 725, 737, 1223,
1230, 1236, 1251, 1264, 1266, 1854,
1860, 1864, 1867, 1872, 2476, 2497,
2520, 2524, 2743, 2990, 3038, 3040,
3047, 3054-3055, 3058-3059, 3066,
3073, 3075, 3089-3091, 3093-3094,
3099-3100, 3326, 3562, 3569, 3571,
3575, 3580, 3601, 3604, 4078, 4080,
4091, 4093, 4095, 4103, 4115,
4120-4121, 4560, 4630, 4632-4633,
4672, 4677-4678, 4913, 5201, 5208,
5211, 5221, 5231, 5715, 5718, 5720,
5738, 5963, 6222, 6235, 6247, 6251
larvae 3024

Trichobilharzia ocellata 1768, 3560

trichostrongylids 5801

Trichostrongylus colubriformis 1271,
1871, 5709

Trichuris 1333, 1880, 2468

T. leporis 4653

T. muris 4126, 4669

T. suis 235, 1220, 1233, 1254, 1323,
3077, 3140, 3559, 3585-3586

tropical eosinophilia 5222

visceral larva migrans 2516, 3065, 4680,
5737

Wuchereria bancrofti 4439, 5203, 5237,
5704

Impalaia tuberculata

in *Madoqua*, in Somalia, new record (h.)
6046

in sheep, in Somalia, experimental 6047

India

Acanthocolpus liodorus 5073

Acanthoparyphium cambellensis 5063

A. lobatum 5063

Acanthosentis dattai 5653

Acanthostomum busminis 156

Adenogaster indica n.sp. 5134

Allopodocotyle argyropsi n.sp. 5674

A. pritchardae n.sp. 5674

amphistomes 3812, 5104, 5475

Ancylostoma caninum 2090

A. duodenale 3907

Anisoporus orientalis n.sp. 5674

Aplectana uropeltidarum n.sp. 700

Ascaridia cumbumensis n.sp. 204

A. lucknowensis n.sp. 4608

Ascaris 3362, 3393, 3904, 4968

A. lumbricoides 2261, 2821, 4961, 5279

Ascarops psittaculai n.sp. 4073

Aspiculuris ratti 5351

Astiotrema reniferum 5137

Axinoides synorchis n.sp. 4035

Benedenia orbicularicola n.sp. 4035

B. plataxicola n.sp. 4035

Brachylecithum andamanensis 5063

Brugia malayi 503, 5433

Bucephaloides 5136

Bucephalus 5084

Subject Index

India contd.

- Calicophoron calicophorum* 3923
Capingentoides moghei n.sp. 1203
Carangoides ovovivipara n.g., n.sp. 3517
Cardiofilaria pavlovskiyi 72
Cercaria limnaei I 2419
C. limnaei II 2419
C. limnaei III 2419
C. mehrai n.sp. 2974
C. oviglandulata n.sp. 2974
C. trioculata n.sp. 1191
Cercariae indicae XLIX 688
C. indicae LXVII n.sp. 6176
C. indicae LXVIII n.sp. 6176
C. indicae LXIX n.sp. 6176
C. indicae LXX n.sp. 688
Chabaustrirea rangii n.sp. 2408
Chandlerella bosei 72
Choanotaenia passerina 4590
Clinostomum piscidium 1571
Coenurus 1684, 2874
Contracaecum kashmirensis n.sp. 191
Cotylophoron 4791
C. cotylophorum 3923
Cyrnea (Cyrnea) eurycerca 72
Cysticercus 129, 1457, 6008
C. cellulosae 1636
Davainea hewetensis n.sp. 6183
Diaschistorchis kachugai n.sp. 5134
D. singhi n.sp. 5134
Dictyocaulus filaria 5415
 digenean larvae
 in *Melania scabra* 2758
 in *Melania tuberculata* 2758
 digeneans, in vertebrates 2416
Dionchus remorae 3517
Dipetalonema grassii 1828
Diplectanum blairensis n.sp. 140
D. jerbuae n.sp. 140
Diplodiscus mehrai 1809
Diplostomum odeningi n.sp. 1800
D. spathaceum 1800
D. vidyarthi n.sp. 1800
Diplozoon dayali n.sp. 1179
Dirofilaria immitis 55
Dispharynx nasuta 72
Dracunculus medinensis 928, 1459,
 1650, 2858
Dudekemia cristatai n.sp. 4063
Echinochasmus (Episthochasmus) corvus
 2412
E. megadermi n.sp. 2420
E. perfoliatus 2420
Encyclometra colubrimurorum 5666
Enterobius vermicularis 1895, 2852
Eucreadium gangi n.sp. 1810
Euparadistomum ambedkari n.sp. 2409
Fasciola hepatica 1347
Fasciolopsis buski 3231
 filariids 27, 1639, 2262, 4971, 5344
Ganeo kawi n.sp. 5667
G. tigrinum 2389

India contd.

Ganeo contd.

- G. vitellosinistrum* n.sp. 5667
 gastro-intestinal nematodes
 in camel 2656
 in goat 2656
 in sheep 2656, 5415
Gastrothylax 4791
Genarchopsis goppo 2975
Grammocephalus hybridatus 612
Habronema guptai n.sp. 194
Hadjelia truncata 72
Haemonchus 4284
H. contortus 40, 3786, 3812
Hammatopeduncularia arii 140
Helicometra filamentosa n.sp. 5674
 helminths
 in animals 4027
 in fowl 1727, 2903–2904, 4507
 in goat 3420
 in man 2394, 2726, 2853, 3294, 3366,
 3873, 4939, 5988, 6135
 in rodents 2317
 in ruminants 3413, 6040
 in sheep 40
Hepatojarakus bandicoti 4499, 5272,
 5351
Heterakis atthis n.sp. 204
 hookworm 2671, 3239, 4284
 hydatid 129, 560, 565, 2212, 2245, 2263,
 2832, 2869, 4953, 6018
Hymenolepis bahlhi 1203
H. diminuta 2985
H. makundi 1203
Indocotyle elegans n.sp. 3517
Indoplanorbis 431
Learedius orientalis 5672
Lymnaea 431
Mathevotaenia, n.sp., [not named or
 described] 4590
M. paraechinis n.sp. 1202
Mermis 6128
 metacercariae, in freshwater fish 1808
 microfilariae 1207, 1619
Monaxinoides laminata n.sp. 3517
 monogeneans 3517
Neascus hoffmani n.sp. 1808
N. komiyai n.sp. 1808
Necator americanus 4788
 nematodes
 in buffalo 5107
 in dog 5107
 in goat 5107
 in pig 2301, 5107
 in rodents 6080
 in sheep 5107
 in vertebrates 5108
Neobenedenia vermiculariacola n.sp.
 4035
Neocamallanus apapillata n.sp. 192
Neomicrocotyle carangis n.sp. 3517
Neopodocotyle balliaensis n.sp. 2416

India contd.

- Neopodocotyle* contd.
N. dayali n.sp. 2416
N. lucknowensis 4570
Neopronocephalus spinometratermis n.sp. 5134
Oesophagostomum 2215
O. columbianum 40
Ommatobrephus singulare 1192
Orientoecadium batrachoides 2418
Orthetrotrema longicaeca n.sp. 3528
Oxyspirura kaitingensis 72
Paradistomoides hemidactylis 156
Paragonimus westermani 3433
Paramazocraes axillariai n.sp. 681
P. dussumieri n.sp. 5116
P. indica n.sp. 681
paramphistomes 1527
Paropecoelus indicus n.sp. 5674
Paropisthorchis caninus 5017
Pegosomum egretti 1909
P. lucknowensis n.sp. 2417
Philophthalmus gralli 4587
Phyllodistomum vachius 2418
Plagioporus cynoglossi n.sp. 5674
Plagiorchis stunkardi n.sp. 5666
Plasmiorchis orientalis 5672
P. stunkardi 5672
Pleurocercus puriensis n.sp. 1203
P. tandoni n.sp. 1203
Pleuropsolus singhi n.sp. 2417
Polystomoides ludhiana n.sp. 2397
P. stewarti n.sp. 1180
Porrorchis hylae 3532
P. indicus 3532
Postorchigenes srivastavai n.sp. 2976
Proalarioides lucknowensis n.sp. 2416
P. tropidonotis 5667
Proparuterina lali n.sp. 4590
Prosotocus baughi n.sp. 2416
Protancyrocephalus rangusi n.sp. 140
Pseudoaviculariella srivastavai n.g., n.sp. 193
Pseudochiorchis lucknowensis n.sp. 2417
Pseudohaliotrematoides bengalensis n.sp. 140
Psilocollaris singhi n.sp. 2417
Psilorchis lucknowensis n.sp. 2417
Ptychobothrium cypseluri 5070
Railletina echinobothrida 4004
R. tetragona 4004
Rameshwarotrema chelonii n.sp. 5134
R. uterocrescens n.g., n.sp. 5134
Schistosoma indicum 1347
S. nasalis 1769, 4236
S. spindale 1702
Schwartzitrema lucknowensis n.sp. 2417
Setaria 3757
Sobolevicanthus serratus 2985
Spirocerca 2562
S. lupi 4146
Spirometra 1702

India contd.

- Spironoura brevispiculata* 2336
Staphylepis rustica 2985
Staphylocystis sindensis n.sp. 5151
Stephanofilaria 6364
Streptopharagus pigmentatus 2215
strongyles 2687
Strongyloides 2687
Subulura 5166
S. distans 5166
S. hindi 5166
Syphacia 4073, 5351
Telorchis mehrai n.sp. 2976
T. thapari n.sp. 2976
Tetracotyle baughi n.sp. 1808
T. lali n.sp. 2418
T. singhi n.sp. 1808
T. szidati n.sp. 4041
T. tandoni n.sp. 1808
Thaprosipirura meltadi 5351
Tremiorchis ranarum 5666
Trichuris 2687
Tripathia elongata n.sp. 3517
tropical eosinophilia 5275
tropical pulmonary eosinophilia 3911
Tylodelphis lucknowensis n.sp. 2417
Vampirolepis fraterna 2985
V. masaldani n.sp. 2985
Viannella 5351
Vivipara 431
Wuchereria bancrofti 6, 503, 855, 1631, 2270, 3875, 3884, 4967, 5323, 5433, 5555
Xenopharynx piscator 157
Indian cobra, *Xenopharynx piscator* 157
Indian Ocean
Atraster acanthopagri n.sp. 2966
A. bifidacanthus n.sp. 2966
A. spinifer n.sp. 2966
Bivagina heterospina n.sp. 682
Camallanus carangis 5179
Capillaria carangi n.sp. 5179
Contracecum chorinemi 5179
Diplaxine popovae n.g., n.sp. 139
Gastrocotyle mozambiquensis n.sp. 6160
helminths
 in *Clupeiformes* 6111
 in fish 1990, 3461
Heterobothrioides psenesi n.g., n.sp. 6162
Howardula truncati n.sp. 5694
Lebboia striaturae n.g., n.sp. 6162
Lecithodesmus petrowi n.sp. 1814
Macruricotyle clavipes n.g., n.sp. 5664
Metabronema magna 5179
nematodes, in fish 5179
Osphyobothrus sagittula n.sp. 6162
Paropecoelus 5674
Polyipnicola argentinae n.sp. 6162
P. macrovarium n.g., n.sp. 6162
Terranova galloccerdonis 5179
trematodes, in fish 1394

Subject Index

- Indocotyle elegans***, n.sp., in *Hemirhamphus georgii*, in India 3517
- Indonesia**
- Brugia malayi* 1514, 2713, 4010, 4845
 - Capillaria* 5609
 - C. hepatica* 609
 - helminths, in man 514, 3361, 4412, 5994
 - medical parasitology 2783
 - microfilariae 538
 - Schistosoma japonicum* 840, 4242, 4412
 - Wuchereria bancrofti* 544
- Indoplanorbis***
- in India
 - control by copper sulphate 431
 - control by *N*-tritylmorpholine 431
- I. exustus***
- molluscicides 3251
 - Schistosoma nasalis* 1769
- Inermicapsifer madagascariensis***
- in *Cricetomys gambianus*, in Zambia 2237
 - in man
 - in Zambia 2237
 - chemotherapy, & new focus 529
 - in *Mastomys natalensis*, in Zambia 2237
 - ultrastructure of nephridial system 5154
- Insecticides (see also Control)**
- carbaryl 3283
 - 5,4-dichlorosalicylanilide 3283
 - dicresol ester 3283
 - hexamethyltriamine phosphate 1494
 - Sevin (see carbaryl)
 - various 1600
 - particulate 5909
- Insectivores**
- Capillaria putorii* 3540
 - Rhabdias* 3540
 - Syphacia muris* 3540
- Insects**
- Chromonema heliothidis* n.g., n.sp. 6199
 - control, (book) 3347
 - DD-136, & *Achromobacter* 1144
 - filariids 4628, 4668
 - helminths 1600, 2957
 - Hymenolepis diminuta* 5081
 - mermithids 654, 827, 4324
 - nematodes 1144, 3861, 4665, 4676, 5973
 - Neoaplectana* 654, 2371
 - & *Achromobacter* 1144
 - parasites 326
 - Plagiorchis elegans* 463
 - P. noblei* 1565
 - Raphidascaris acus* 650
- Insects, aquatic, trematodes 648**
- Insinuaroetaenia spasski***, in *Mustela erminea*, in USSR (Kazakhstan), new record (h.) 5605
- Intensive farming**
- Ascaridia* 1089, 5857, 6092, 6351
 - Ascaris* 6055
 - Capillaria* 5857
 - Cysticercus* 2289
- Intensive farming contd.**
- Dictyocaulus* 5913
 - helminths
 - in cattle 5584, 5659, 5896, 6403
 - in fowl 2697
 - in pig 3947, 5659, 5903, 6060
 - Heterakis* 1089, 5857, 6092, 6351
 - Oesophagostomum* 6055
 - parasites, in pig 4926
 - Trichuris* 6055
- Invertebrates**
- cestodes 5972
 - Gymnophallus discursata* n.sp. 4048
 - helminths 4016, 4924, 5504
 - hymenolepidids 5082
 - Polymorphus* 5082
- Invertebrates, aquatic, helminths 3501, 4019**
- Ipidae, nematodes 3481**
- Ips***, nematodes 5643
- I. calligraphus***
- Deladenus ipini* n.sp. 2187
 - Mikoletzkyia calligraphi* n.sp. 2184
 - Parasitaphelenchus procerus* n.sp. 2183
- I. confusus***, *Cryptaphelenchus cirrus* n.sp. 2190
- I. cribicollis***, *Contortylenchus cribicollis* n.sp. 2182
- I. grandicollis***
- Nothotylenchus parasimilis* n.sp. 2187
 - Parasitorhabditis hastulus* n.sp. 2184
- I. integer***, *Seinura arizonensis* n.sp. 2191
- I. pini***
- Cryptaphelenchus ipinius* n.sp. 2190
 - Diplogasteroides ipini* n.sp. 2191
 - Ektaphelenchus smaelus* n.sp. 2190
 - Luella luculenta* n.g., n.sp. 2179
 - Parasitorhabditis ipini* n.sp. 2184
 - Parasitylenchus ipinius* n.sp. 2181
- Iran**
- Amoebotaenia cuneata* 5060
 - Anisakis schupakowi* 4528
 - Ascaris* 842, 851, 865, 887
 - A. lumbricoides* 845
 - Camelostrongylus mentulatus* 6036
 - cestode larvae
 - in cattle 4999
 - in domestic animals 666
 - in sheep 4999
 - Contracaecum squali* 4528
 - Cotugnia digonopora* 5059
 - Cystocaulus ocreatus* 6365
 - Dicrocoelium dendriticum* 501, 952
 - Dictyocaulus filaria* 6365
 - Dracunculus* 853
 - Echinococcus* 504
 - E. granulosus* 505
 - Eustrongylides excisus* 4528
 - Fasciola* 501
 - F. gigantica* 756
 - F. hepatica* 756, 952

Iran contd.

- gastro-intestinal nematodes, in ruminants 578
 helminths
 in fowl 5059
 in man 526, 2811
 hookworm 862, 865, 887
 hydatid 17, 504–505, 666, 3914
 nematodes, in man 508, 1455
 parasites, in domestic animals 780
Protostrongylus rufescens 6365
Schistosoma 866, 922
S. bovis 1197
S. haematobium 509, 864, 3887
 trematodes, in snails 642
Trichinella 5599
T. spiralis 506
Trichostrongylus 502, 851, 865, 887, 4388
T. lerouxi n.sp. 2437
T. tenuis 5060
Trichuris 851

Iraq

- Fasciola gigantica* 756
F. hepatica 756
 helminths, in animals 2026
 hookworm 4431
 hydatid 2830
Schistosoma 4401
S. haematobium 4396, 4547, 4728

Ireland

- Dipetalonema* 2888
Echinococcus granulosus equinus 6334
Fasciola 500
F. hepatica 677
 helminths
 in cattle 4936
 in sheep 4936
 Hirudinea 5932
Ostertagia ostertagi 587
 parasites
 in fowl 3985
 in turkeys 3985

Irrigation

- filariids 2002
 helminth ova 850
 helminths 6344
 in fish 1741
 in man 1741, 1977, 1997, 2000, 2004, 2020
 in molluscs 1977
 hookworm 2003
Onchocerca 2011, 3202
Schistosoma 1999, 2003, 2006, 2011, 2017, 4229, 4323
S. haematobium 1609, 3202, 4784, 4789
S. mansoni 4784, 4789
Wuchereria bancrofti 2003
Isancistrum, in cephalopods, comparative morphology, & phylogeny 2398

- Isoglaridacris*, n.sp. [not named or described], in *Hypentelium nigricans*, in USA (South Atlantic) 107

- I. agminis*, in *Erimyzon oblongus*, in USA (South Atlantic), new record (h.) 2343

- Isolapotamon papilionaceus*, *Paragonimus hueitungensis* n.sp. 5665

I. sinense

- Paragonimus hueitungensis* n.sp. 5665

- P. westermani* 1149

- Isomermis brevis*, n.sp., in *Simulium morsitans*, in USSR (European) 486

- I. tansaniensis*, n.sp., in *Simulium damnosum*, in Tanzania 486

I. wisconsinensis

- in *Prosimulium mixtum/fuscum*, sex ratio & worm burden 644

- in *Simulium venustum*, sex ratio & worm burden 644

Isoparorchis hypselobagri

- amino acid content 1973

- egg shell formation 5311

- free amino acids 5313

- lipid content 3665

- osmoregulation 5314

- phosphatase activity 1966

- protein metabolism 5312

- trace elements 4203

- in *Wallago attu*, oxygen utilization 2617

Israel

- acanthocephalans

- in birds 1824

- in mammals 1824

- Cercaria Levantina* 9 2972

- Cercaria Levantina* 10 2972

- Cercaria Levantina* 11 2972

- Cercaria Levantina* 12 2972

- Cercaria Levantina* 13 2972

- Dirofilaria (Nochtiella) conjunctivae* 4966

- Heligmonina nevoi* n.sp. 5186

- Heligmosomidae 5186

- hydatid 2815, 6003

- Microhadjelia multipapillata* 1216

- Parabronema skrjabini* 38

- Pterygodermatites witenbergi* n.sp. 1216

- Sicarius caudatus* n.sp. 1216

- Sphaeroirostris wertheimae* n.sp. 1824

- Stellocaronema fausti* 1216

- Suncinema witenbergi* n.sp. 5186

- Tenorastrongylus josephi* n.sp. 5186

- Trichostrongyloidea* 5186

- Trichostrongylus colubriformis* 5186

- T. witenbergi* n.sp. 707

- Isthmiophora melis*, in *Meles meles anakuma*, in Japan, morphology 4046

Italy

- Amidostomum acutum* 2327

- Ancylostoma* 1695

- A. caninum* 1696

- ascarids 1695

- Brachylaemus tjanschanica* 2326

Italy contd.

- Capillaria vanelli* 2327
Dirofilaria 1610, 6017
Fasciola hepatica 2296, 4459
Fascioloides magna 5578
gastro-intestinal nematodes, in *Capreolus capreolus* 1682
helminth ova, in soil 1407
helminths
in animals 1778
in cat 1698
in dog 1699, 1705
in domestic animals 1893, 3137
in man 3391, 4410
Heterakis isolonche 2552
Holorchis micracanthum 2414
H. pycnopus 2414-2415
hydatid 4958
Lecithaster blennii n.sp. 1807
Ligula intestinalis 1113
nematodes
in cattle 3734
in pig 3946
in sheep 3734
Nematodirus battus 1675-1676
N. davitiani alpinus n.subsp. 1830
Paragonimus westermani 4962
strongylids 2864
Strongyloides stercoralis 518
Tetrameres fissispina 2327
Triaenophorus lucii 1734
Trichuris 1695
Uncinaria stenocephala 1696
Ivashchkinonema alticola, n.g., n.sp., in
Alticola argentatus, in USSR (Kirgizia)
190

Ivory Coast

- Acanthoxyurus coronata* n.sp. 1839
A. hunkeleri n.sp. 1839
A. obubra 1839
Cysticercus cellulosae 3364
intestinal helminths, in man 18
Oesophagostomum stephanostomum
1615
Paragonimus 1614
Schistosoma haematobium 3588
S. mansoni 1294, 1614, 3588
Suncinema vaucheri n.sp. 186
Ixobrychus minutus
Eurycephalus dogieli 2338
Pegosomum ixobrychi 2338
I. minutus minutus, *Dendrouterina ixobrychi*
n.sp. 3338
Jaabdelta whitmani, n.g., n.comb., for
Geobdella whitmani 471
Jaminia potaniniana, *Postharmostomum*
gallinum 5482
Janiszewskella fortobothria, n.g., n.sp., in
Carpiodes cyprinus, in USA (North
Atlantic) 4596
Japalura swinhonis, *Acanthatrium*
taiwanense n.sp. 2406

Japan

- Acanthocephalus opsariichthydis* 5158,
5420
Alaria alata 1803
amphistomes 2746
Ancylostoma caninum 2305
Angiostrongylus cantonensis 1715
Anisakis 4973, 5735
Ascaridia columbae 5064
Ascaris 535, 4690
Bipalium fuscum 594
Bothriocephalus opsariichthydis 2431,
2558, 2710
Calicophoron iijimai 5575
Capillaria bovis 5007
C. perforans 1213
cercariae, in *Semisulcospira* 1771
cestode larvae, in *Euphausia similis* 1773
Clonorchis 652
Concinnum ten 5025
Dactylogyrus extensus 5633
Dicrocoelium dendriticum 2568
Dictyocaulus viviparus 1005
Diphyllbothrium latum 696, 1750
Diplogonoporus grandis 3896
Dipylidium caninum 570
Dirofilaria 2574
D. immitis 2108, 2308, 2889, 5604, 5817
Echinocasmus japonicus 151
Echinococcus 5345
E. granulosus 1989
Echinostoma 563
Fasciola 555, 2727, 2746
Filaroides milksi 607, 6073
Fimbriaria fasciolaris 5152
gastro-intestinal nematodes, in cattle
2732
Glossobothrium nipponicum 92
Glypthelminis rugocaudata 628
Gnathostoma doloresi 2210
G. nipponicum 2210
G. spinigerum 2210
Haploparaxia japonensis 5152
helminths
in amphibians 5067
in cattle 1670
in dog 595-596, 600
in domestic animals 672
in *Dymecodon pilirostris* 1712
in man 531, 541, 672
in monkey 14
in pig 1694
in rat 610
in *Rattus norvegicus* 1714
in *Rattus rattus* 1714
in *Rhinolophus cornutus* 5048
in *Rhinolophus ferrumequinum* 5048
in salmonids 1749-1750
in *Takydromus tachydromoides* 78
in *Vulpes vulpes schlencki* 151
hydatid 5345
Hymenolepis tenuicollis n.sp. 5152

Japan contd.

- Isthmiophora melis* 4046
Massaliatrema yamashitai n.sp. 151
Mesocestoides lineatus 5547
Metastrongylus 1005
nematodes, in *Meles meles anakuma* 4046
nematodes, gastro-intestinal, in cattle 4992
Oncomelania nosophora 390
Paradistomum 79
Paragonimus 572, 2175
P. miyazakii 528, 967, 2937, 4420, 5012-5013, 5644
P. ohirai 528, 532, 1292
P. sadoensis 532
P. westermani 1291
Parvatremia rebunense n.sp. 2977
Philometra 5095
Pricetremia 151
Protostrongylus shiozawai 5280
P. shiozawai n.sp. 1215
Pseudorhadinorhynchus samegaiensis 5420
P. samegaiensis n.sp. 5157
Rhabdochona japonica n.sp. 4066
Schistosoma japonicum 1023, 2565, 2649, 4661
Schistosomatidae 126
Setaria digitata 5283
Spirometra erinacei 4974
Taeniinae 1072
Terranova 543
Tetragomphus melis 3009
Thelazia callipaeda 571
trematodes, in salmonids 639
Trichinella spiralis 567
Trichostrongylus orientalis 2120
Japetella heathi, *Elytrophallus* 5091
Johnstonmawsonia, taxonomy 705
Juga, Nanophyetidae 5332
Kachuga dhongoka, *Ganeo tigrinum* 2389
K. kachuga
Pseudochiorchis lucknowensis n.sp. 2417
Telorchis mehrai n.sp. 2976
K. smithi, *Polystomoides ludhianae* n.sp. 2397
K. sylhetensis
Plasmiorchis orientalis 5672
P. stunkardi 5672
K. tectum, *Polystomoides ludhianae* n.sp. 2397
K. tectum tentoria
Diaschistorchis kachugai n.sp. 5134
D. singhi n.sp. 5134
Neopronocephalus spinometratermis n.sp. 5134
Kadenatsii, A.N., obituary 5489
Kangaroo, helminths 5049
Kashmir (see also India; Pakistan)
Keibdella marmorata, n.g., n.sp. 471

Kenya

- Ackertia globulosa* 3437
A. globulosa n.sp. 1836
cestodes
in *Gyps africanus* 4514
in rat 5034
Cysticercus bovis 4028
Haemonchus contortus 4222, 5249
helminths
in game animals 128
in man 1645, 4880
in monkey 1613
in *Nesotragus moschatus* 2290
hydatid 4028
microfilariae, in birds 5620
Onchocerca volvulus 1623
Porrocaecum 4514
Schistosoma 2017, 2257, 3149, 4229
S. bovis 1148, 1197
S. haematobium 1622, 1882, 3194, 4031, 4419, 4851
S. mansoni 1622, 1882, 3194, 3779, 4725, 4850-4851, 5281
Strongyloides 1613
Taenia taeniaeformis 5034
trichostrongylids 6037
Trichostrongylus 6299
Trichuris 6299
Wuchereria bancrofti 1659
Khawia
in carp, in USSR (European) 1164
in Tubificidae, in USSR (European) 1164
K. sinensis
in carp, in Poland, new record (g.) 2925
in fish, in East Germany, control in fish farms 4304
larvae, *in vitro*, technique for culturing 5471
in Tubificidae, in USSR (Ukraine), age variation 116
Kinosternon odoratum, *Amphimerus ovalis* 1104
Kiricephalus, in *Clelia clelia clelia*, in Trinidad, new record (g.) 1156
Kobus
Schistosoma leiperi 1572
S. margrebowiei 1572
Korea
Ancylostoma duodenale 3256
Ascaris 2468, 2693
A. lumbricoides 2667, 2716
Brugia malayi 2275, 2374, 2446, 2633, 2645, 2694, 4783, 5341, 5556
Bucephalus 1758
Clonorchis 2265, 2468
C. sinensis 2243-2244, 2353-2354, 2358, 2369, 2377, 2390, 2639, 5641, 6005, 6104, 6121, 6139, 6346
Diphyllbothrium 6009
D. latum 5993
Enterobius vermicularis 2269, 5537

Korea contd.

- filariids 2645
- helminths, in man 2276, 2820, 3256, 6019, 6022–6023, 6218, 6340
- hookworm 2693
- hydatid 2295, 6042
- medical parasitology 2778
- Metagonimus* 6324
- Necator americanus* 3256
- nematodes, in sheep 2292
- Paragonimus* 2246, 2264, 5992, 6219
- P. iloktsuenensis* 2367–2368, 6138
- P. westermani* 4230, 5990, 6343
- Sparganum* 5628, 6100
- S. mansoni* 2819
- Thelazia* 6012
- Trichuris* 2468, 5879
- T. trichiura* 2702
- Korea, South, *Paragonimus westermani*** 6126
- Kowalewskiella cingulifera**, n.comb., for *Taenia cingulifera*, Krabbe, 1869 6184
- Kozar, Z., obituary 1586
- Kreis, H.A., obituary 3328
- Kyphosus sectatrix*, *Cadenatella floridae*** n.sp. 5676
- Labeo calbasu*, *Neopodocotyle balliaensis*** n.sp. 2416
- Labiostrongylus***, in *Wallabia rufogrisea*, in New Zealand 1780
- Lacerta**
 - Paradistomum mutabile* 6096
 - Plagiorchis (Multiglandularis) mentulatus* 6096
 - P. (Plagiorchis) molini* 6096
- L. agilis***, helminths 626, 2333
- Lachesis muta muta*, *Crepidobothrium gerrardi*** 1156
- Lacistorhynchus***
 - in herring
 - biological tags 2350
 - in Atlantic, biological tags 100
- Laevapex fuscus***
 - Cercariaeum* type I 4044
 - Cercariaeum* type II 4044
- Lagomorphs**, helminths 4491
- Lagopus lagopus***
 - helminths 2329
 - parasites 3449
 - Syngamus trachea* 624
- Laimaphelenchus***
 - diagnosis emended 2192
 - in USA, key to spp. 2191
- L. phloeosini***, n.sp., in *Phloeosinus dentatus*, in USA 2190
- Lama pacos***
 - Lamanema chavezii* 4163, 4712
 - levamisole 1472
- Lamanema chavezii***
 - in *Lama pacos*
 - development, & pathology 4712
 - pathology of liver 4163

***Lamanema chavezii* contd.**

- in *Lama pacos* contd.
 - in Peru, levamisole 1472
- Lamellibranchs**, trematode larvae 660
- Lamna ditropis*, *Nybelinia surmenicola*** 2433
- Lampetra fluviatilis*, *Diplostomulum petromyzi-fluviatilis*** 6468
- Lanceimeris distoicha***, morphology 4072
- L. ivashtschenkovae***, n.sp., in simuliids, in USSR (European) 4613
- Lanius senator*, *Microhadjelia multipapillata*** 1216
- Laos**
 - Diphyllbothrium mansoni* 5531
 - hydatid 5531
 - Schistosoma japonicum* 6137
 - Trichinella spiralis* 5531
- Laridae**, cestodes 1092
- Larus argentatus*, *Odhneria*** 6467
- L. argentatus cachinnans*, *Diplostomum spathaceum*** 1800
- L. canus***
 - Ascaridoidea 2324
 - Cyathostoma lari* 5050
 - Leucochloridium* 1564
 - nematodes 2323, 5050
 - Stegophorus stellaepolaris* 5050
 - Strongyloides turkmenica* 5050
- L. fuscus taimyrensis*, *Diplostomum spathaceum*** 1800
- Larva migrans**, in man, in Finland, hair fragment simulating 1018
- Larva migrans, cutaneous**
 - in man
 - chemotherapy, diagnosis, & pathology 2233
 - reviewed 4404
 - in South Africa, thiabendazole, topical 4325
- Larva migrans, visceral**
 - in cattle, serodiagnosis 4680
 - in man
 - case report 2214
 - chemotherapy, diagnosis, & pathology 2233
 - diagnosis by FAT 5737
 - diagnosis by microprecipitation test 3065
 - reviewed 4387
 - (thesis) 5516
 - in USA, diagnosis by radioimmunoassay 2516
 - in rabbit, serodiagnosis 4680
 - serodiagnosis 5703
- Larvicides** (see *Ovicides* & *larvicides*)
- Lasionycteris noctivagans*, *Hymenolepis lasionycteris*** n.sp. 5683
- Lasiotocus albulae***, n.sp., in *Albula vulpes*, in USA (South Atlantic) 5677

Lasiotocus contd.

L. haemuli, n.sp., in *Haemulon plumieri*, & *Haemulon sciurus*, in USA (South Atlantic) 5677

L. mugilis, n.sp., in *Mugil cephalus*, in USA (South Atlantic) 5677

Lateriporus mahdiaensis, Macko, 1960 nec Joyeux, 1923, to *Dendrouterina arcana*, n.sp. 3338

Laterocreadium problematicum, to *Palaeorchis problematicus*, n.comb. 4047

Leander modestus, *Metacercaria* IV 119

Learedius orientalis, in *Chelone mydas*, in India 5672

Lebanon

hydatid 511

Schistosoma haematobium 381

Trichinella spiralis 1020

Lebboia striaturae, n.g., n.sp., in *Coryphaenoides striatura*, in Indian Ocean 6162

Lebistes reticulatus, predation on *Schistosoma nasalis* 4213

Lecithaster australis, redescribed 5671

L. blennii, n.sp., in *Blennius sanguinolentus*, in Italy 1807

L. salmonis, miracidia, morphology 159

Lecithochirium, in *Octopus maorum*, in New Zealand, morphology, & new record (h.) 5091

L. microstomum, in *Lolliguncula brevis*, in USA (East South Central), morphology, & new record (h.) 5091

Lecithocladium cristatum, redescribed 5671

Lecithodesmus petrowi, n.sp., in *Balaenoptera edeni*, in Indian Ocean 1814

Lefua costata, *Gyrodactylus costatae* n.sp. 5661

Legislation, helminths, in dog 6069

Leiobdella jawarensis, n.g., n.sp., in Chiroptera, in Pagini 1580

Leiobdellinae, n.subf. 471

Leiomomus xanthurus

Heteraxinoides xanthophilus 3996

Spirocammallanus pereirai 1115

Lemniscomys striatus striatus, *Ackertia globulosa* n.sp. 1836

Lemur, *Spirocerca lupi* 5989

L. catta, hydatid 2844

Lemuricola (Rodentoxuris) sciuri

n.subg., n.comb., for *Enterobius sciuri*, Cameron, 1932 1840

in *Sciurus vulgaris*, in France, new record (g.) 1840

Leo felis

hookworm 3959

Toxocara 3959

Leopardus pardalis, *Paragonimus inca* n.sp. 4580

Leperisinus aculeatus

Anguillonema leperisini n.sp. 2188

Panagrolaimus leperisini n.sp. 2185

Parasitylenchus leperisini n.sp. 2181

Teratocephalus angustus n.sp. 2186

L. californicus, *Panagrellus leperisini* n.sp. 2186

Lepidauchen hysterospina, to *Megasolena hysterospina*, n.comb. 5678

Lepidophyllinae, diagnosis emended 4076

Lepidophyllum, diagnosis emended 4076

Lepisosteus platyrhincus

Paramacroderoides echinus 2410

P. pseudoechinus n.sp. 2410

L. tristoechus, *Proteocephalus singularis* 5681

Lepocreadium, metacercariae, in *Polyorchis penicillatus*, in USA (Pacific) 651

L. album, cercariae, chaetotaxy 144

L. setiferoides, in *Nassarius obsoletus*, emergence of cercariae 3185

Lepomis, helminths 6106

L. auritus, *Acolpenteron ureterocetes* 1793

L. gibbosus

Anchoradiscus anchoradiscus 1793

Clavunculus bifurcatus 1793

Posthodiplostomum minimum 4529

L. gulosus, helminths 2340

L. macrochirus

helminths 950, 2340

Uroleidus acuminatus 1793

U. variabilis 1793

L. macrochirus macrochirus,

Posthodiplostomum minimum 4529

Leprosy

& filariids, in man, Mazzotti reaction 4658

& *Strongyloides stercoralis*, in man, in Zaire, fatal case 1792

& *Wuchereria bancrofti*, in man, in India 855

Leptinotarsa decemlineata

Hexameris elegans 1136

nematodes 5973

Neoaplectana carpocapsae 1856

& *Achromobacter nematophilus* 4735

& *Beauveria bassiana* 1146

& *Paecilomyces farinosus* 1146

Pristionchus uniformis 1754, 1760, 1856, 5254

Leptodactylus ocellatus

Glyptelminis simulans 5130

Margeana linguatula 5130

M. proximus 5130

Plagiorchis lenti 5130

Leptomazocraes orientalis, n.g., n.comb., for *Mazocraes orientalis* 6161

Leptophallus nigrovenosus, in *Natrix*

viperinus, in Spain, morphology, & new record (g.) 1188

Lepus brachyurus, *Dicrocoelium dendriticum* 2568

Subject Index

Lepus contd.*L. californicus melanotis**Cittotaenia* 608*Multiceps* 608*L. europaeus*

helminths 2657

thiabendazole 2657

Leucorhynchus micropteri, in freshwater fish,
life-history 5480*Leuciscus cephalus*, *Ligula intestinalis* 2351*L. cephalus albus**Dactylogyrus folkmanovae* 1176*D. prostrae* 1176*D. vistulae* 1176*Gyrodactylus scardinii* 1176*L. cephalus cabea*, *Dactylogyrus vistulae*
4569*L. idus*, *Bothriocephalus gowkongensis*
1108*L. idus oxianus*, *Apatemon fuligulae* 2930*L. leuciscus*, *Cyathocotyle prussica* 1193*L. rutilus**Bothriocephalus gowkongensis* 1108*Camallanus lacustris* 1568

parasites 2355

Leucochloridiomorpha constantiae

in vitro, development of tegument 4179

metacercariae

cholesterol as chemoattractant 6297

lipid accumulation 2597

technique for demonstrating, proteolytic
activity 6447*Leucochloridium*, in *Larus canus*, in
Norway, life-cycle 1564*L. actitis*, in *Corvus frugilegus*, in USSR,
new record (h.) 2403*L. cardis*, in *Locustella fasciolata*, in USSR
(Far East), new record (h.) 179*L. turanicum*, in *Rallus aquaticus*, in USSR
(Far East), redescribed 179*Leucophaea maderae*, *Hymenolepis nana*
var. *fraterna* 3494*Leuresthes tenuis*, *Bucephalopsis labiatus*
104*Levinseniella acanthophalla*in *Anisogammarus* (*Eogammarus*) *kygi*, in
USSR (Far East), new record (h.)
119in *Neosphaeroma oregonensis*, in USSR
(Far East), new record (h.) 119synonym of *Levinseniella bucephalae*
5124*L. bucephalae*, synonymy 5124*L. bucephalae tringae*, synonym of
Levinseniella bucephalae 5124*Libellula*, *Haematoloechus coloradensis*
3310

Liberia

Ascaris 5368

filariids 2933

hookworm 5368

Onchocerca 2513

Liberia contd.

Onchocerca contd.*O. volvulus* 1011, 3127*Trichuris* 5368*Wuchereria bancrofti* 4421, 4773

Libya

helminths, in *Vulpes vulpes* 5687*Schistosoma haematobium* 2824*Trichuris cyrenaica* n.sp. 5687Life-history (see also Development;
Embryology)*Abbreviata kazakhstanica* 2440acanthocephalan larvae, in Euphausiidae
1774

acanthocephalans, in Tenebrionidae 2365

Acanthocephalus anguillae 6455*Acanthocheilus* 520*Actinocleidus oculatus* 4037*A. recurvatus* 4037

amphistomes 5475

Anatrichosoma buccalis 1719*Ancylostoma caninum* 3829*Angiostrongylus cantonensis* 1153, 1709,
6119, 6136*A. vasorum* 5970, 6136

anisakids 4889

Anisakis 520*Aploparaksis birulai* 6181*A. brachyphallos* 6181*A. furcigera* 964*Aprocta cylindrica* 2203

Ascaridata 1570

Ascaridia 649*Ascaris suum* 5971*Aspidogastrea* 3837*Asymphylogaster tincae* 2148*Azygia lucii* 5926*Basidioidiscus ectorchis* 5679*Bothriocephalus acheilognathi* 4340*B. scorpii* 1603*Brugia pahangi* 4345*Bucephalus marinus* 4890*Caenorhabditis elegans* 3162*Camallanus lacustris* 1568*C. oxycephalus* 5473*C. zacconis* 5695*Capillaria bovis* 6459*C. hepatica* 2555, 5045*Carneophallus brevicirca* 2763*Cephalogonimus brevicirrus* 4040*Cercaria stephanocauda* 5480

cestode larvae, in Euphausiidae 1774

cestodes 462, 659

in oligochaetes 458

in Tenebrionidae 2365

Choanotaenia infundibulum 4517*Chromonema heliothidis* n.g., n.sp. 6199*Clinostomum piscidium* 1571*Collyriclum faba* 1088*Contracecum micropapillatum* 1575*C. spasskii* 1569*Cotylurus lutzi* 2752

Life-history contd.

- Cyclocoelum brasilianum* 4898
C. mutabile 4894
Cysticercus 6379
C. bovis 6454
Dactylogyrus hypophthalmichthys 1752
Deladenus canii n.sp. 178
D. imperialis n.sp. 178
D. nevexii n.sp. 178
D. proximus n.sp. 178
D. rudyi n.sp. 178
Dendritobilharzia pulverulenta 5126
Diclidophora denticulata 2629
D. luscae 2629
D. merlangi 2629
dicrocoeliids 645
Dicrocoelium dendriticum 1406, 5650
D. hospes 5121
Dictyocaulus viviparus 5965
Didelphostrongylus hayesi n.g., n.sp. 6202
 digenean larvae
 in *Melania scabra* 2758
 in *Melania tuberculata* 2758
 digeneans 5477
 in cephalopods 5091
 in vertebrates 1601
Diectophyme renale 5925
Dipetalonema wite 4345, 6074
Diphyllbothrium ditremum 1200
D. vogeli 1200
Diplostomulum petromyzi-fluviatilis 6468
Diplostomum 3999
D. pusillum 1815
Dirofilaria immitis 2052, 3964
D. roemeri 979
Echinochasmus sp. I 4342
Echinochasmus sp. II 4342
Echinococcus granulosus 459
Echinoparyphium aconiatum 2593
E. ralphaudyi n.sp. 153
E. recurvatum 6465
Echinostoma revolutum 6465
Echinuria uncinata 5970
Eudiplogaster aphodii 4896
Eupolystoma alluaudi 2762, 4897
Eurytrema pancreaticum 465
Eustoma 520
Fasciola gigantica 2646, 5479
F. hepatica 583, 833, 2145, 2646, 4891, 5928, 5965
Fascioloides magna 6332
Gastrotaenia dogieli 6463
Gigantobilharzia 5668
Gnathostoma doloresi 2210
G. nipponicum 2210
G. spinigerum 2210
gnathostomatids 461
Gorgoderina rochalimai 2756
Grillotia erinaceus 6108
Gymnophallus discursata n.sp. 4048

Life-history contd.

- Haematoloechus coloradensis* 3310
Haplometra brevicaca 149
Heligmosomum azerbaijani 972
helminths 3314, 3317, 5980
 in amphibians 457
 in annelids 6462
 in ants 5650
 in Clupeiformes 6111
 in domestic animals 5977
 in fish 457
 in fowl 2901
 in Hirudinea 643, 964, 3854
 in horse 4450
 in oligochaetes 964, 3854
 in rabbit 3975
 in shrimp 4921
Heterakis 649
Howardula madecassa n.sp. 5694
H. truncati n.sp. 5694
hydatid 6379
Hymenolepis 2938
H. diminuta 5081
H. gilloni 645
H. hopkinsi 3833
H. microstoma 3313
Hyostomylus rubidus 2757
Leuceruthrus micropteri 5480
Leucochloridium 1564
Loa loa 2153
Lobatostoma manteri 3312
lungworms 4984
Maritrema oocysta 3309
M. subdolum 5474
Mastophorus muris 2895
Megalophallus miyazaki n.sp. 1601
Mesostephanus appendiculatus ? 4339
Metastrongylus apri 2764
Microphallidae 3309
Microphallus calidris 4346
Moniezia benedeni 3832
Morerastrongylus andersoni 3835
Myzobdella lugubris 983
Necator 2315
nematodes 5768
 in bark beetles 2179
 in oligochaetes 458
 in pig 2301
Nematodirus 6357
N. filicollis 3689
N. oiratianus 57
Neomesomermis flumenalis 3478
Nippostrongylus brasiliensis 6460
Notocotylus 5477
Nybelinia surmenicola 2433
Odhneria 4344, 6467
Onchocerca flexuosa 2761
O. volvulus 980
Orientobilharzia turkestanicum 2143
Palaeorchis problematicus 4047
Parafilaria bovicola 329, 6499
Paragonimus westermani 6464

Life-history contd.

- Paralepoderma brumpti* 5125
P. cloacicola 5125
P. progeneticum 5125
Paramacroderoides echinus 2410
P. pseudoechinus n.sp. 2410
Paramonoviola rhagii n.g., n.sp. 3535
 paramphistomatids 662
Paramphistomum microbothrium 4891
Paraquimperia tenerrima 4341
Parascaris equorum 6389
 parasites 5478
 in animals 3319
Philophthalmus nyrocae 4338
P. rhionica 3836
Physaloptera maxillaris 4888
Physocephalus sexalatus 3498
Plagioporus shawi 2760
Plagiorchis elegans 463
P. noblei 1565
Porrocaelum skrjabinensis 964
Postharmostomum gallinum 5482
Posthodiplostomum minimum centrarchi 4893
Probstmayria vivipara 29, 962
Procamallanus fukiensis n.sp. 5695
Protopolystoma xenopodis 2967
 protostrongylids 1044, 1128
Protostrongylus hobmaieri 1573
P. kochi 2366
Raillietina echinobothrida 977, 4004, 5061
R. sibirica 977
R. tetragona 977, 4004
Raphidascaris acus 650
Reesimermis nielsenii 973-974
Retinometra guberiana 4056
Rhipidocotyle lintoni 4343, 5680
R. transversale 4343, 5680
Sandonia sudanensis 5679
Sanguinicola 2923
Schistogonimus rarus 6456
Schistosoma 2387
S. japonicum 2603, 2759
S. leiperi 1572
S. mansoni 2596, 4892, 6461
S. margrebowiei 1572
Seuratium cadarachense 975
Sobolevicanthus gracilis 4056
Sphaeridiotrema globulus 1577
Spirometra 5483
S. erinacei 5593
Spirura malayensis n.sp. 5180
Stephanofilaria kaeli 965
Strongyloides papillosus 5970
S. ransomi 2151
S. stercoralis 1629
S. westeri 2150, 4895
Strongylus vulgaris 4141, 6030
Taenia pisiformis 3430
Tatria decacantha 122
Tetrameres fissispina 4013

Life-history contd.

- Thynnascaris* 520
Thysaniezia giardi 2152
Toxocara cati 970
T. tanuki 969
T. vitulorum 971
 trematodes 648, 2944, 3191, 3471, 4386
 in copepods 5951
 in molluscs 5951
 in zebu 2868
Trichinella 5967
T. spiralis 3204
 larvae 5967
Typhlocoelum cucumerinum 5481
Uncinaria lucasi 2765
Wuchereria bancrofti 1154
Liga gallinulae, to *Rallitaenia gallinulae*, n.comb. 2435
Ligula
 in bream, in Poland, in fish farms 2911
 particles in excretory ducts 4562
L. intestinalis
 in *Abramis brama*
 pathology 1940
 in USSR (Siberia), control, & incidence 4527
 amylolytic activity 292
 in cyprinids, in Yugoslavia 2351
 in *Leuciscus cephalus*, in Yugoslavia 2351
 osmotic regulation 2590
 parietal digestive system 283
 plercercoids
 in freshwater fish, in Turkey 5631
 in *Rutilus rutilus*, in Britain, anomalous specimen 161
 thiamine content 1376
 in *Rutilus rutilus*, in USSR, age & seasonal variation 826
 in *Tinca tinca*, in Italy, outbreak in reservoir 1113
Ligulids
 in birds, in USSR (European), host ecology 2015
 in copepods, in USSR (European), host ecology 2015
 in freshwater fish, in USSR (European), host ecology 2015
Limicolae, trematodes 2969
Limnodrilus hoffmeisteri, *Glaridacris brachiurus* 116
Limnomermis angustifrons, n.sp., in USSR (European) 491
L. crassicauda, n.sp., in chironomids, in USSR (European) 491
L. cuspidata, n.sp., in USSR (European) 492
L. tenuissima, n.sp., in USSR (European) 492
Limosa lapponica, *Brachylaemus fuscatus* 2969
L. limosa, *Longicollia echinata* 5062

- Liobagrus reini*, *Rhabdochona japonica* n.sp.
4066
- Liolope copulans*, in *Megalobatrachus davidianus*, in China (South West) 2334
- Liorchis scotiae*
in *Anisus spirorbis*, in USSR (Ukraine), incidence 1134
in *Anisus vortex*, in USSR (Ukraine), incidence 1134
in cattle, in USSR, control, & incidence 3268
cercariae, technique for detecting, sensillae 5465
chromosome complement 470
histology & histochemistry of integument 1960
larvae & ova
in faeces, in USSR (Ukraine), survival in winter 1381
in soil, in USSR (Ukraine), survival in winter 1381
in molluscs, in USSR, survey 5087
in *Planorbis planorbis*
cercarial shedding & temperature 4212
in USSR (Ukraine), incidence 1134
ultrastructure 2978
- Lirceus lineatus*, *Acanthocephalus jacksoni* 1922
- Lithobius*, *Hymenolepis diaphana* 2938
- Lithoglyphopsis aperta*
Schistosoma japonicum 6137
(Mekong strain) 2370
technique for culturing 2370
- Litholyphus naticoides*, *Cercaria micrura* I 4211
- Litobranchia recurvata*, *Allopodocotyle lepomis* 154
- Litosoides carinii*
excretion & secretion antigens 3603
in hamster, irradiation & microfilaraemia 2318
in *Mastomys natalensis*
anthelmintics & haematological parameters 401
chemotherapy, reviewed 5411
organophosphorus compounds 1485
in *Meriones unguiculatus*, rejection of transplanted worms 4694
microfilariae, serum-dependent cell adhesion 4683
in rat
experimental infection 2312, 2318
immunosuppression 5233
in *Sigmodon hispidus*
3,8- disubstituted 1,3,8-triazabicyclo decan-2-ones & -thiones 2109
experimental microfilaraemia 2319
stibophen, mode of action 2723
- Littorina kurila*, *Microphallus calidris* 4346
- L. littorea*
Cryptocotyle lingua 124
Renicola roscovita 124

Littorina contd.*L. obtusata*

- Cercaria lebouri* 1139
Microphallus pygmaeus 1139
trematodes 3209

L. saxatilis

- Cercaria lebouri* 1139
Microphallus pygmaeus 1139
trematodes 3209

L. saxatilis rudis, *Microphallus similis* 2610**Liver-fluke** (see also named genera)

- in cattle, in Britain, control 498
in deer, in Yugoslavia, zoo 3932
& hydatid, in man, case report 1618
in man, case report 2848
ova, in cattle faeces, technique for detecting 1556
in ruminants, in Yugoslavia, zoo 3932
in sheep, in Poland, chemotherapy 5877

Loa loa

- in *Chrysops atlanticus*, in USA, development & morphogenesis 2153
in *Erythrocebus patas*
development & microfilarial periodicity 545
experimental 2153
incorporation of AB antibodies 1239
in man
case report 2277, 5969
in Nigeria, localization in eye 19
in USA, exotic infection, & treatment by surgery 1010
in *Papio anubis*, development & microfilarial periodicity 545

Loach, *Metorchis bilis* 3467**Lobatostoma manteri**

- in *Cerithium moniliferum*, in Australia, development, & pathology 3312
in *Planaxis sulcatus*, in Australia, development, new record (h.), & pathology 3312

Locusta migratoria

- Aprocta cylindrica* 2203
Seuratium cadarachense 975

Locustella fasciolata, *Leucochloridium cardis* 179**Lolliguncula brevis**, *Lecithochirium microstomum* 5091**Longicollia echinata**, in *Limosa limosa*, in Yugoslavia, new record (h.) 5062**Longistriata caudabulata**, in *Sorex caecutiens*, in USSR (Far East), new record (g.) 3540**L. degusi**, n.sp., in *Octodon degus*, in Chile 3014**L. longispicularis**, to *Srivastavanema longispicularis*, n.comb. 189**L. yamashitai**, in *Sorex caecutiens*, in USSR (Far East), new record (g.) 3540**Lophophorus impejanus**, *Ascaridia nepalensis* n.sp. 4604

- Lophotaspis orientalis**, in *Corbicula*, in Taiwan, morphology, & new record (h.) 1795
- Lophura swinhoii**, *Platynotrema lophurae* n.sp. 4575
- Loris tardigradus**
Subulura 5166
S. distans 5166
- Lota lota**, *Bucephalus marinum* 4890
- Loxodonta africana**
Parabronema longispiculatum 5164
Protofasciola robusta 6084
- Lubens**, in *Rallus rallus philippensis*, in Philippines, new record (g.) 4584
- L. enigki**, n.sp., in *Rallus rallus philippensis*, in Philippines 4584
- Lucioperca**
Bunodera luciopercae 2912
parasites 5075
- Luella luculenta**, n.g., n.sp., in *Ips pini*, in USA 2179
- Lumbriculus variegatus**
Aploparaksis birulai 6181
Diectophyme renale 5925
Echinostoma revolutum 4019
Sacciuterina stellifera 5924
- Lunatia heros**, anisakids 6131
- Lungworms** (see also named genera)
in cat, tetramisole 2724-2725
in cattle
control, & epizootiology 3254
diethylcarbazine 5971
in East Germany, control by vaccination & husbandry 5963
in *Phocaena phocaena*
in Canada 1206
corrigendum 3846
in ruminants, in USSR (Kazakhstan), chemotherapy 3349
in sheep
general account 4984
in Poland, local survey 5966
- Lutjanus**, *Helicometra filamentosa* n.sp. 5674
- L. johnii**, *Olivacreadium heterorchis* n.sp. 4572
- L. lunulatus**, *Allopodocotyle pritchardae* n.sp. 5674
- L. rangus**, *Protancyrocephalus rangusi* n.sp. 140
- Lygus rugulipennis**, nematodes 1754
- Lymnaea** (see also *Galba*)
control by *N*-tritylmorpholine 1495
Fasciola gigantica 2646, 3596
F. hepatica 123, 2646, 3596, 4540, 4551
in India
control by copper sulphate 431
control by *N*-tritylmorpholine 431
- L. auricularia**
Diplostomum spathaceum 6407
Echinoparyphium recurvatum 6465
Fasciola hepatica 4022
- Lymnaea auricularia** contd.
Orientobilharzia turkestanicum 2143
in USSR (Siberia), control by flies 3736
- L. bulimoides**, *Haplometrana intestinalis* 1759
- L. cailliaudi**
Fasciola gigantica 1129
F. hepatica 1129
- L. columella**
in Australia, new record (g.) 2372
Fasciola hepatica 2372, 5340
- L. corvus**, *Cercaria carelica* I n.sp. 4576
- L. cubensis**
cryptobiosis 5640
Fasciola hepatica 1427, 5640
- L. danubialis**, *Fasciola hepatica* 5094
- L. diaphana**, *Fasciola hepatica* 2381
- L. luticola**, *Clinostomum piscidium* 1571
- L. natalensis**, *Fasciola gigantica* 5479
- L. occulta**, technique for culturing 5971
- L. ovata**
Diplostomum 4185
Fasciola gigantica 5920
- L. palustris**
Angiostrongylus cantonensis 4546,
5758-5759, 5927
Fasciola hepatica 5094
- L. peregra**, *Fasciola hepatica* 4022
- L. stagnalis**
Ascaris 1412
Cercaria limnaei I 2419
C. limnaei II 2419
C. limnaei III 2419
C. mehrai n.sp. 2974
C. oviglandulata n.sp. 2974
Clinostomum piscidium 1571
Echinoparyphium aconiatum 2593
Fasciola hepatica 5094, 5965
Glossiphonia heteroclita 2159
Heterakis 1412
Morerastrongylus andersoni 3835
Trichobilharzia ocellata 1756, 1768
- L. stagnalis urasatchensis**, *Haplometrana intestinalis* 1759
- L. truncatula**
in Britain
overwintering 4005
N-tritylmorpholine 4257
Cercaria lymnaeae truncatulae 3804
control by copper sulphate 2093
in Czechoslovakia, *N*-tritylmorpholine 4806
detection of biotopes using "false colour" films, (thesis) 5978
Fasciola 4981, 5875
F. gigantica 1129
F. hepatica 833, 1129, 2359, 3210, 3681,
3804, 4212, 4257, 4891, 5652, 5928
Haplometra brevicaca 149
Paramphistomum microbothrium 4891
predation by *Zonitoides nitidus* 1142
technique for culturing 5971

***Lymnaea truncatula* contd.**

temperature 4005

in Yugoslavia, biotopes 5089

L. viator*, *Fasciola hepatica 2381***L. viatrix*, *Fasciola hepatica*** 1427***Lynceus brachyurus*, *Metacercaria* I** 119***Lynx rufus*, *Ancylostoma*** 599***Lyonsia hyalina****Rhipidocotyle lintoni* 4343, 5680*R. transversale* 4343, 5680***Lyperosomum***, revised 148***L. alagesi***, in *Pica pica*, in USSR,
morphology 2403***L. byrdi***, n.sp., in *Pipilo erythrophthalmus*,
in USA (South Atlantic) 148***L. francolini***, synonym of *Lyperosomum*
petrovi 148***L. longicauda***, synonymy 148***L. (Lyperosomoides)***, diagnosis emended
148***L. oswaldoi***, synonymy 148***L. petrovi***, synonymy 148***L. sarothruae***, synonym of *Lyperosomum*
pawlowskyi 148***L. (Sinuosoides)***, n.subg. 148***L. skrjabini***, synonym of *Lyperosomum*
longicauda 148***L. taipeiense***, n.sp., in *Melagale moschata*
subaurantiaca, in Taiwan 1797***L. urocissae***, synonym of *Lyperosomum*
oswaldoi 148***Lyperosomum pawlowskyi***, synonymy 148***Lyriocephalus scutatus****Cometeterakis lyriocephali* n.g., n.sp.
5696*Meteterakis sinharajensis* n.sp. 5696***Lytocestus lativittellarium***, n.sp., in *Clarias*
batrachus, in Malaysia 4622***L. parvulus***, in *Clarias batrachus*, in
Malaysia 4622***Mabuya mabouya mabouya*, *Oswaldofilaria*
spinosa n.sp.** 176***Macaca****Dirofilaria repens* 4127*D. tenuis* 4128*Fasciola* 2278***M. cynomolgus*, *Streptopharagus*
*pigmentatus*** 5165***M. fascicularis*, *Schistosoma japonicum***
4684***M. fascicularis*, *Platynosomum fastosum*** 24***M. mulatta****Ancylostoma ceylanicum* 4938

hydatid 2844

Oesophagostomum 2215, 3615, 4965*Schistosoma japonicum* 4648*S. mansoni* 4656, 5197*Streptopharagus pigmentatus* 2215

thiabendazole 4148

Trichinella spiralis 4148***Macracanthorhynchus catulinus***, in*Tenebrionidae*, new records (h.) 2365***Macracanthorhynchus* contd.*****M. hirudinaceus***

physiology of body wall muscle 1950

in pig, histopathology, & immunology
3107***Macrobdella diplotertia***, n.sp., in USA

(West North Central) 2161

Macrobrachium*, *Carneophallus brevicacca
2763***Macrocylops*, *Contracaecum spasskii*** 1569***M. albidus*, *Camallanus lacustris*** 1568***Macrodera***, morphology 1784***Macroderoides progeneticus***, to
Alloglossidium progeneticum, n.comb.
1185***Macropus eugenii****Cloacina kartana* n.sp. 1214*C. smalesae* n.sp. 1214***M. giganteus****Dirofilaria roemeri* 979

hydatid 3201

M. robustus*, *Dirofilaria roemeri 979***Macrorhamphus griseus*, *Aploparaksis*
paraburulai n.sp.** 6180***Macrovalitrematoides micropogoni***, in
Micropogon undulatus, in USA (West
South Central) 3997***Macruricotyle clavipes***, n.g., n.sp., in
Macrurus, in Indian Ocean 5664***Macruronus novaezelandiae****Ascarophis cooperi* 94*Capillaria tasmanica* 94*Contracaecum tasmanianse* 94*Derogenes macrostoma* 94*Echinorhynchus gadi* 94

helminths 94

***Macrurus*, *Macruricotyle clavipes* n.g., n.sp.**
5664***M. acrolepis*, *Cyclocotyloides pinguis*** 5664**Madagascar***Ascaris lumbricoides* 5784*Dendroterina junonia* n.sp. 3338*Fasciola gigantica* 1480, 2255

gastro-intestinal nematodes, in cattle 485

Heligmonina albignaci n.sp. 200*H. betsileoensis* n.sp. 200

helminths

in *Brachyuromys betsileoensis* 200in *Brachyuromys ramirohitra* 200

in man 3882

Madochotera landauae n.sp. 199*Molinostrongylus bauchoti* n.sp. 702*M. benexae* n.sp. 702*M. richardae* n.sp. 701***Neodiplostomum spathoides prudhoei***
n.subsp. 4043

paramphistomes 1480

Schistosoma haematobium 1589, 3883,
4259*S. mansoni* 1589, 3883*Strigea triloborchis* 4043*Syphacia brachyuromyos* n.sp. 200

Madagascar contd.*Symphysa* contd.*S. madagascariensis* n.sp. 200*S. ramirohitra* n.sp. 200*Wuchereria bancrofti* 3698, 3763, 4780, 5522***Madochotera landanae*, n.sp., in***Rhacophorus*, in Madagascar 199***Madoqua, Impalala tuberculata* 6046*****Malacosoma neustria*, *Mermis albicans* 5097*****Malagabdelta fallax*, n.g., n.comb., for***Haemadipsa fallax* 471**Malagasy Republic (see Madagascar)***Howardula madecassa* n.sp. 5694**Malawi**

helminths, in man 3877

hookworm 3877

Malayabdelta catenifera*, n.g., n.comb., forPhytobdella catenifera* 471**Malaysia***Achillurbainia* 4959*Allintoschius dunni* n.sp. 702*Angiostrongylus* 4386*A. cantonensis* 4495, 6007*A. malaysiensis* 6007*Anoplostrongylus (Tupaiostrongylus) liei* 188, 699*Breinlia booliati* 1081*Brugia malayi* 5997*Centrocestus* 4544*C. formosanus* 4544*Cordicauda magnabursa* n.sp. 3537*C. malayensis* n.sp. 3537*C. trichysi* n.sp. 3537

digeneans

in rodents 4488

in *Tupaia* 4488*Dirofilaria immitis* 52, 4482*Haplorchis pumilio* 4544*H. taichui* 4544*Heligmonella limbooliati* n.sp. 3537

helminths, in fowl 75

Hepatojarakus malayae 699*Lytocestus lativittellarius* n.sp. 4622*L. parvulus* 4622*Molinostrongylus colleyi* n.sp. 702*M. ovyangi* n.sp. 702nematode larvae, in *Ornithodoros batuensis* 4549*Neodiplostomum* 4487*Nycteridostongylus (Petiellus) petersi* 699*Physaloptera praeputialis* 53*Platynosomum fastosum* 24*Procamallanus clarias* 4622*P. parvulus* n.sp. 4622*Spirura aurangabadensis* 5180*S. malayensis* n.sp. 5180*Srivastavanema bhagwansinghi* n.sp. 189*S. yapi* n.sp. 189*Stictodora sawakinensis* 5018**Malaysia contd.***Thelazia rhodesii* 4469*Trichospirura* 5163*T. willmottae* n.sp. 5163**Maldives, filariids 3296****Mali***Onchocerca* 5882*O. volvulus* 774, 2720*Schistosoma haematobium* 2267, 5540***Malmiana philotherma*, n.sp., in USA 4907****Mammals**

acanthocephalans 1824

anisakids 4889

anthelmintics 394

Cysticercus 2952*Echinococcus granulosus* 1157*E. multilocularis* 507, 1157

filariids 4391, 5518

helminths 1156, 1159, 1267, 1583, 1777,

1785–1787, 1797, 2208, 2957, 4026,

5105, 5512, 5686, 5803, 6145

hydatid 321, 1461

parabendazole 353

Plagiorchis elegans 463*Taenia hydatigena* 2952

trematodes 132, 4199

Trichinella 1157, 1165, 2806, 2955, 6347*T. spiralis* 5967, 6487

Trichostrongyloidea 5186

Trichostrongylus 4388**Mammals, marine**

helminths 4231

Trichinella spiralis 4231**Man***Acanthocheilonema perstans* 1272*Acanthocheilus* 520

acrichin plus pumpkin seed extract 441

Alaria americana 6000

alveolar hydatid 410, 464, 4101, 5747

amodiaquine compounds 1454

Ancylostoma 568, 3260, 3275, 4944*A. braziliense* 4404*A. duodenale* 1032, 1289, 1927, 1983,

2218, 3907, 4424, 5559, 5564

Angiostrongylus 3389, 3406*A. cantonensis* 232, 552, 1022, 1026,

1646, 4158, 5195, 5282, 6007,

6216–6217

anisakid larvae 2228

anisakids 3207–3208, 4951

Anisakis 520, 546, 562, 717, 2232, 4405,

4973, 5735, 6011

anthelmintics 379, 403, 412, 439, 442,

862, 887, 895, 1455, 1513, 2078, 2119,

2123, 2671, 2726, 3217, 3725, 4271,

5404, 5411–5412, 5838, 5856, 6356,

6399

antimony dimercaptosuccinate 3152

antimony potassium tartrate 3705, 3731, 6418

ascaris 3182, 4387, 4440

Man contd.

- Ascaris* 269, 336, 534-535, 539, 553, 559, 758, 842, 851, 892, 915, 1014, 1021, 1423, 1640, 1643, 1652, 1906, 1914-1915, 2136, 2281, 2468, 2825, 3362, 3393, 3399, 3876, 3904, 4433, 4690, 4968, 5244, 5247, 5336, 5530, 5538, 5563, 5710, 5750, 5807, 5820, 5828, 5869, 5871, 5886, 5894, 5902, 5964, 6014, 6021, 6273, 6278, 6338, 6349, 6360, 6423, 6430
& asthma 4655
- A. lumbricoides* 250, 787, 845, 1024, 1880, 1898, 2218, 2234, 2261, 2821, 2855, 4406, 4444, 4961, 5279, 5552, 5784, 5964
- A. suum* 3120, 4699
- bephenium 3231
- bephenium hydroxynaphthoate 398, 526, 865, 2693, 3214-3215, 3239, 3256, 3264, 3706, 3754, 6394
- bephenium hydroxynaphthoate plus dithiazanine 6398
- bephenium hydroxynaphthoate plus santonin 3276
- bithionol 947
- bitoscanate 349, 1441
- Brugia malayi* 503, 1029, 1626, 2272, 2275, 2446, 2633, 2645, 4783, 5341, 5556, 5997
- cambendazole 5865
- Capillaria* 4449
- carbon tetrachloride 6394
- cestodes 1862, 2231, 2260, 5561, 5911
- chenopodium oil 6394
- chloroform 4829
- 1-(*p*-chlorophenyl)-3- guanidines 1454
- chloroquine 1512
- Clonorchis* 2265, 2467-2468, 3035
- C. sinensis* 325, 1015, 2243-2244, 2377, 2390, 2453, 2639, 2859, 3371, 3898, 6005, 6139, 6346
& cancer 5757
- Coenurus cerebralis* 1339
- cutaneous larva migrans 2233, 4404
- Cyclodontostomum purvisi* 5099
- Cysticercus* 239, 1339, 1457, 1616, 1624, 1654, 2534, 2637, 2828, 3076, 4094, 4428, 5716, 5999, 6008, 6288, 6379
- C. cellulosae* 23, 1636, 3334, 3364, 5760
- diaminodiphenylsulphone 3273
- 2,4-diaminoquinazoline antifolates 1454
- dichlorophen plus niclosamide 4817
- Dicrocoelium* 501
- D. dendriticum* 2222
- diethylcarbamazine 364, 503, 942, 1514, 2674, 2694, 2701, 2713, 2720, 4658, 4840, 4845, 5386, 5433, 5845, 5882
- diethylcarbamazine citrate 3891, 5359, 5842-5843
- digeneans 1125, 3401
- Diocetophyme* 4449

Man contd.

- Dipetalonema perstans* 4940
- D. streptocerca* 4331
- Diphyllbothrium* 12, 1996, 4964, 6009
- D. latum* 696-697, 1428, 5993
- D. mansoni* 5531
- D. ursi* 3374
- Diplogonoporus grandis* 3896
- Dipylidium caninum* 570
- Dirofilaria* 1610, 4447, 6017
- D. immitis* 2154, 2216, 2226, 4087, 4956, 5817, 6411
- D. (Noctiella) conjunctivae* 4966
- D. repens* 1649, 2211, 2256
- dithiazanine 398, 3253, 6398, 6434
- Dracunculus* 853
- D. medinensis* 512, 1650, 2829, 2833, 2858, 2863, 3388, 4391, 5998
- Echinococcus* 4846
- Echinostoma* 563
- Enterobius* 553, 1027, 1437, 1981, 2812, 3265, 3400, 3756, 5969
& *Trichuris* 5553
- E. vermicularis* 1644, 1655, 1895, 2136, 2269, 2852, 3880, 4326, 5537, 5964
- Eustoma* 520
- Fasciola* 501, 555, 949, 1012, 1492, 1611, 1905, 2217, 2813, 3893, 4416, 5202, 5244
- F. gigantica* 2255
- F. hepatica* 219, 1241, 2220, 2849, 3629, 3915, 4400, 4411, 4413, 4702
- Fasciolopsis buski* 16, 325
- fenbendazole 5368
- filariids 27, 252, 568, 891, 927, 1334, 1393, 1404, 1639, 1859, 1869, 2002, 2013, 2262, 2378-2379, 2511, 2645, 2654, 2822, 2828, 2851, 2863, 3238, 3296, 3384, 3700, 3901, 4077, 4330, 4391, 4395, 4446, 4548, 4682, 4790, 4946, 4971, 5344, 5371, 5453, 5848, 5883, 6363
& leprosy 4658
- gastro-intestinal helminths 1630
- gastro-intestinal nematodes 5228
- Gnathostoma spinigerum* 4158
- Gongylonema pulchrum* 4970
- helminths 11, 238, 323, 325, 331, 403, 514, 525-527, 531, 541, 558, 670, 672-673, 743, 837, 839, 852, 881, 936, 948, 994, 1030, 1033, 1075-1076, 1228, 1267, 1396, 1398, 1402, 1410-1411, 1441, 1537, 1600, 1620-1621, 1625-1628, 1635, 1640, 1645, 1647-1648, 1651, 1741, 1855, 1977, 1997, 2000, 2004, 2019-2020, 2091, 2099, 2104, 2118, 2203, 2253, 2271, 2276, 2282, 2494, 2518, 2740, 2748, 2808, 2811, 2820, 2827, 2834, 2846, 2853, 2860, 2954, 2956, 3083, 3158, 3256, 3329, 3344, 3346, 3381, 3391

- 3392, 3398, 3405, 3548, 3582, 3624, 3685,
3758, 3818, 3860, 3863, 3878, 3905,
4011, 4106, 4231, 4393, 4408, 4410,
4437, 4701, 4719, 4835, 4919, 5194,
5543, 5550, 5748, 5803, 5963-5965, 5969
& asthma 1287, 5708
& hepatitis 134
& protozoans 1175, 2394
& typhoid 134
- hexachloroparaxylene 406, 419, 1506,
3220, 3232, 3782, 4280
- hookworm 28, 250-251, 758, 929, 1024,
1550, 1880, 1898, 2003, 2535, 2537,
3049, 3136, 3359, 3382, 3877, 4395,
4431, 4438, 4660, 5251, 5374, 5535,
5995, 6430
- hycanthone 345, 385, 499, 874, 1031,
1434, 1491, 1501, 3287, 3369, 3711,
3717, 3719, 3724, 3765, 3779, 3795,
4256, 4313, 4815, 4833, 4850-4851,
5362, 5733, 5855
- hycanthone methanesulphonate 3767
- hydantid 3-5, 13, 17, 21, 215, 226, 256,
272, 321, 341, 494, 504-505, 510-511,
515, 519, 521, 524, 530, 554, 560,
565-566, 721, 729, 764, 784, 889, 910,
916, 1016, 1028, 1269, 1288, 1339,
1460-1461, 1605, 1611, 1618, 1634,
1638, 1642, 1653, 1656, 1843, 1852,
2212, 2219, 2225, 2235, 2238, 2242,
2245, 2254, 2258, 2263, 2268, 2273,
2459, 2499-2500, 2507, 2518, 2523,
2637, 2804, 2809, 2815-2816, 2823,
2830-2832, 2839-2840, 2847, 2862,
3043, 3050-3051, 3097, 3111-3113,
3192-3193, 3334, 3360, 3368,
3380, 3396, 3548, 3553, 3581, 3879,
3895, 3897, 3908, 3910, 3914, 4028,
4082, 4101, 4108, 4118, 4166, 4397-4399,
4413, 4436, 4445, 4638, 4670, 4947,
4952-4953, 4955, 4957-4958, 4969, 5200,
5220, 5238-5239, 5245, 5384, 5529,
5531-5532, 5539, 5548, 5565, 5717, 5747,
5827, 5986, 6003, 6018, 6270, 6379
- hydrocortisone 1031
- hymenolepidids 1260
- Hymenolepis* 553, 857, 892, 2825, 3612,
4225, 5968, 6423
- H. diminuta* 4943
- H. nana* 275, 1027, 1845, 1900, 5343,
5867, 5964
- Inermicapsifer madagascariensis* 529,
2237
- intestinal helminths 18, 1007, 3695
- 65-318 iodide 3255
- kainic acid plus santonin 2667, 2693,
2716
- larva migrans 1018
- levamisole 435, 2088, 2125, 3763, 3816,
4792
- levamisole hydrochloride 4386
- liver-fluke 1618, 2848
- Man contd.**
- Loa loa* 19, 1010, 2277, 5969
- lucanthone 1434
- magnesium sulphate 2658
- Mansonella ozzardi* 25, 3375, 3379, 4940
- mebendazole 384, 897, 901, 906, 930,
945, 2041, 2088, 2680, 2692, 3284,
3289, 3294, 3709, 3794, 4260, 4312,
4320, 4803, 6380
- mebendazole plus thiabendazole 3787
- mepacrine 4797
- mepacrine hydrochloride 2036, 2659
- mermithids 547
- Mesocestoides lineatus* 5547
- Metagonimus* 6324
- metronidazole 402, 424, 928, 1459
- microfilariæ 538, 1207, 1608, 1619, 2280
- Nanophyetus salmincola schikhobalowi*
3905
- Necator* 4944
- N. americanus* 277, 1237, 1289, 1927,
1934, 1983, 2213, 2218, 2536, 4424,
4686, 4788
- nematode allergens 1229
- nematodes 508, 1008, 2224, 2227, 3378,
3403, 4710, 5496
- niclofolan 2718, 3280, 6343
- niclosamide 400, 529, 1549, 2659, 4797,
5383, 5443, 5969
- niclosamide plus trichlorophen 3267,
4286, 4817
- niridazole 381, 402, 866, 1031, 1498,
1589, 1882, 2722, 2824, 3369,
3731-3732, 3783, 4140, 4251, 4262,
4637, 4807, 4812, 4814, 4833, 5540,
5866
- 1-(5-nitro-2-thiazolyl)-2-
imidazolidinethione 1463
- Oesophagostomum* 1615
- O. stephanostomum* 1615
- Onchocerca* 2, 1456, 2011, 2513, 2842,
3202, 3606, 4403, 4863, 5528, 5536,
5542, 6428
- O. volvulus* 26, 663, 740, 774, 782, 980,
1011, 1025, 1224, 1563, 1587, 1623,
2131, 2664, 2749, 2807, 3127, 3167,
3186, 3358, 3384, 3578, 3824, 3826,
3885, 3891, 4331, 5534, 5544, 5746,
5845, 6027, 6214, 6342
- Opisthorchis* 268, 279, 397, 1641, 3079,
3232, 5268, 5756
& cancer 1325
& tuberculosis 419
& typhoid 1168-1169, 1172-1173
- O. felinus* 1, 2859
- O. viverrini* 2859
- organic trivalent antimonials 3213
- Orientobilharzia turkestanicum* 1415
- oxamniquine 2660, 2670, 2728, 3721,
4311, 4815, 4832-4833, 4851
- oxantel pamoate 405, 2702, 3279,
5879-5880

Man contd.

- oxantel plus pyrantel 3714
 paludrin 425
Paragonimus 551, 569, 572, 1614, 1637,
 2175, 2246, 2264, 2360, 2490, 2495,
 4390, 4422, 4702, 4734, 5702, 5992,
 6219, 6241–6242
P. africanus 4666
P. hueitungensis n.sp. 5665
P. kellicotti 540
P. miyazakii 528, 4420
P. ohirai 528, 532
P. sadoensis 532
P. uterobilateralis 2207, 3699, 4448,
 4666
P. westermani 4230, 4962, 5990, 6343
 parasites 751, 858, 1617, 2176, 2178,
 2252, 3126, 3195, 3274, 3352, 3385,
 3402, 3470, 3849, 4914
 parasitology 4911
 paromomycin 894
Phocanema 516, 3900
 piperazine 865, 1441, 2689, 3214, 3231,
 3706, 4326, 5405, 5427, 6376
 piperazine adipate 388, 2070, 2102, 2667,
 2693, 2716
 piperazine diantimonyl tartrate 3213,
 3705, 3730
 piperazine hexahydrate 2080
 prednisone 896, 1031
 proguanil hydrochloride 4793
 pyrantel embonate 2716, 3049, 3256
 pyrantel pamoate 499, 873, 926, 1518,
 2120, 2667, 3264, 3880, 4278, 4294,
 4830, 5373, 5880
 pyrvinium 4326
 pyrvinium pamoate 411, 3216
Rictularia 533
Schistosoma 2, 209, 220, 248, 499, 523,
 542, 568, 722, 858, 861, 877, 880,
 885–886, 914, 922, 935, 939, 944,
 1240, 1395, 1429–1431, 1453, 1606,
 1658, 1852, 1859, 1999, 2003, 2006,
 2011, 2017, 2025, 2230, 2248,
 2257–2258, 2387, 2473, 2481–2482,
 2511, 2538, 2559, 2654, 2810, 2817,
 2828, 2835–2836, 2856, 2861, 3095,
 3124, 3141–3142, 3149, 3238, 3305,
 3369, 3376, 3382, 3387, 3553, 3558,
 3561, 3589, 3605, 3618, 3630–3631,
 3682–3683, 3764, 3792, 3892, 4136,
 4223, 4229, 4323, 4384, 4389, 4395,
 4401, 4422, 4429, 4643, 4790, 4873, 4972,
 5092, 5235, 5355, 5436, 5546, 5551,
 5701, 5754, 5762, 5840, 5863, 5883,
 5985, 6002, 6274, 6363
 & cancer 4152
 & splenomegaly 2250
 & tuberculosis 2393
S. bovis 6025

Man contd.

Schistosoma contd.

- S. haematobium* 8, 261, 381, 509, 522,
 864, 1009, 1232, 1308, 1560, 1589,
 1609, 1622, 1882, 1941, 2119, 2239,
 2267, 2279, 2567, 2575, 2824, 2826,
 2838, 3092, 3122, 3131, 3152, 3194,
 3202, 3370, 3372, 3383, 3588, 3617,
 3626, 3634, 3883, 3887, 4088, 4137,
 4140, 4259, 4262, 4394, 4396, 4409,
 4419, 4423, 4441, 4698, 4728, 4736,
 4784, 4789, 4808, 4851, 4963, 5334,
 5353, 5751, 6267
 & cancer 1019, 4031
 & *Cryptococcus neoformans* 2958,
 6149
 & *Schistosoma mansoni* 5767
S. intercalatum 2571, 5353
S. japonicum 513, 745, 1023, 2012,
 2648–2649, 2738, 3081, 3862, 4242,
 4412, 4432, 4434, 4661, 4941
S. mansoni 10, 112, 222, 236, 549, 718,
 750, 757, 759, 771, 797, 940, 1009,
 1017, 1031, 1231–1232, 1274, 1589,
 1607, 1614, 1622, 1632–1633, 1775,
 1847, 1882, 1933, 2266, 2504, 2556,
 2560–2561, 2571, 2691, 3152, 3194,
 3372–3373, 3547, 3583, 3588, 3617,
 3633, 3694, 3745, 3811, 3883, 4085,
 4088, 4109, 4140, 4145, 4157, 4262,
 4394, 4402, 4423, 4435, 4698, 4703,
 4725, 4731, 4784, 4789, 4851,
 4884–4885, 4950, 5207, 5240, 5267,
 5281, 5334, 5560, 5733, 6013, 6015,
 6140, 6236, 6258, 6268
 & asthma 4709
 & *Salmonella* 6150
 & *Salmonella paratyphi* A 674
 & *Salmonella paratyphi* A 3514
 & *Schistosoma haematobium* 5767
 & splenomegaly 1294
 & *Trypanosoma cruzi* 536
 & typhoid 5660
S. matthei 3367
 Schistosomatidae 126
 schistosomes 1475
 schistosomicides 5441, 5837
 sodium antimony dimethylcysteine tartrate
 393
 sodium antimonyl gluconate 1498
 spargana 2818, 6220
 sparganum 3637
 Sparganum, & virus 1789
S. mansoni 2819, 6010
Spirometra erinacei 4974
 strongylids 3632, 4404
Strongyloides 340, 558, 856, 1297, 1422,
 3135, 3184, 3359, 3512, 3906, 5765,
 5962

Man contd.*Strongyloides contd.*

S. stercoralis 7, 518, 550, 743, 762, 1006,
1331, 1629, 1792, 1898, 2229, 2251,
2566, 2644, 2741, 2845, 3874, 3881,
4227, 4405, 4629, 4727, 4937, 5256,
5535, 5964, 6004, 6269

& asthma 1657, 4709

suramin 5386, 5822, 5842

Taenia 1996, 5525, 5964, 6430
& parasites 2659

T. saginata 667, 951, 1916, 1925, 1991,
2097–2098, 2512, 2825, 3356, 3363,
3395, 3608, 3692, 3886, 3888–3889,
3909, 3912, 4090, 4237, 5244, 5335,
5348, 5521, 5541, 5558, 5858, 5911,
5968, 6325, 6414

T. solium 517, 4442, 5521, 5558

taeniids 3357

Terranova 543

tetramisole 1441, 3769

Thelazia 2240, 6012

T. californiensis 537

T. callipaeda 571

thiabendazole 896, 1006, 2055, 2080,
3243, 4249, 4319, 4325, 4797, 4837,
5402

Thynnascaris 520, 4787

tin compounds 5969

toxicity

of antimony potassium tartrate 6418

of cambendazole 5865

of diethylcarbamazine 5433

of diethylcarbamazine citrate 5843

of hycanthone 345, 385, 1434, 1491,
5388, 5434

of hycanthone methanesulphonate
3767

of lucanthone 1434

of magnesium sulphate 2658

of metronidazole 402

of niridazole 402, 3731, 3783, 4251,
5855

of piperazine 2689, 4321, 6376

of schistosomicides 5376, 5398, 5442

of sodium antimony dimethylcysteine
tartrate 393

Toxocara 2837, 4246, 4430, 5247, 5737
& *Toxoplasma* 2960, 3890

T. canis 548, 2247, 3403, 3687, 3899,
4221, 4699, 4782, 5516, 5987

trematodes 2935

Trichinella 9, 15, 22, 328, 351, 1013,
1279–1280, 1401, 1852, 1868, 1908,
1913, 2241, 2551, 2637, 2786, 2793,
2806, 3027, 3030, 3060, 3134,
3146–3147, 3199, 3354, 3390, 3599,
3628, 3640, 3902, 4111, 4553, 5406,
5526, 5533, 5657, 5756, 5804, 5963,
5967, 6329, 6347, 6500–6501

(strains) 3143

& typhoid 1275

Man contd.*Trichinella contd.*

T. nativa 2854

T. spiralis 567, 896, 1020, 1236, 1264,
2274, 2476, 2743, 2805, 2841, 2850,
2854, 2857, 3073, 3091, 3093, 3130,
3133, 3144–3145, 3326, 3331, 3334,
3397, 3508, 3562, 3913, 4231, 4241,
4392, 4417, 4425, 4778–4779, 4913,
5531, 5961–5962, 5996, 6222, 6326,
6487

trichlorophen 3267

trichlorophen 4815, 4843, 4851

Trichobilharzia physellae 1415

Trichostrongylus 20, 502, 561, 851,
2249, 4388

T. capricola 526

Trichuris 851, 892, 915, 1880, 2468,
2535, 2825, 3534, 3876, 5284, 5964,
6349, 6423

& *Enterobius* 5553

T. trichiura 557, 1024, 1898, 2218, 5964

tropical eosinophilia 739, 4840, 5222,
5275

tropical pulmonary eosinophilia 3911

Vaccinium vitis-idaea extract 2070

visceral larva migrans 2214, 2233, 2516,
3065, 4387, 5516, 5737

Wuchereria bancrofti 6, 503, 544, 556,
855, 942, 1004, 1409, 1625, 1631,
1659, 2003, 2236, 2270, 2843, 3386,
3698, 3750, 3875, 3884, 3903, 4228,
4421, 4439, 4773, 4870, 4967, 5203,
5237, 5323, 5463, 5522, 5555, 5704,
5802, 5921, 6006, 6125, 6321,
6330–6331

& leprosy 855

Mandrilus sphinx, hydatid 2221

Mansonella ozzardi

in *Culicoides*, in Brazil (North), not found
5816

in man

in Brazil, microfilariae in skin snips
3375

in Brazil (North), local survey 25

in Trinidad, local survey 3379

in Venezuela 4940

in *Mansonia amazonensis*, in Brazil
(North), not found 5816

in *Simulium amazonicum*, in Brazil
(North), vector status confirmed
5816

Mansonia uniformis, *Brugia malayi* 4010

Manteria brachydera, synonymy 5678

M. costalimai, synonym of *Manteria*:
brachydera 5678

Manteroderma skrjabini, n.sp., in
Cypselurus bacheysensis, in Gulf of Aden
4583

Manure

Ascaris, ova 5831

A. suum, ova 5833

Manure contd.

helminth ova 830, 2023, 5832, 5834,
5900, 6344, 6353

Margeana linguatula, in *Leptodactylus ocellatus*, in Uruguay, morphology 5130

M. proximus, in *Leptodactylus ocellatus*, in Uruguay, morphology 5130

M. pseudium, morphology 5130

M. sanmartini, n.sp., in *Chthonerpeton indistinctum*, in Uruguay 5130

M. sera, morphology 5130

Marion Island

Antarcticobdella crozetensis 6478

Glyptonotobdella antarctica 6478

Maritrema chiriaca, n.sp., for *Maritrema gratosum*, sensu Oschmarin, 1963 5124

M. gratosum, sensu Oschmarin, 1963, to *Maritrema chiriaca*, n.sp. 5124

M. oocysta, in *Hydrobia ulva*, in France, life-cycle 3309

M. subdolum

in duck

pathology 5261

in USSR (European), life-history 5474

in *Gammarus locusta*, development 5474

in *Hydrobia ventrosa*, development 5474

in *Idotea baltica*, development 5474

Markewitschitaenia rodentinum

in *Elaphe dione*, in USSR (Kirgizia) 4057

n.g., n.comb., for *Mathevotaenia rodentinum* 4057

Marmota marmota, *Cysticercus longicollis* 6076

M. monax, *Capillaria hepatica* 58

Marshallagia

in goat

blood coagulation 5262

haematology 5248

in USSR (Uzbekistan), acquired

immunity, & age variation 2299

in sheep

abomasal secretion 1923

blood coagulation 5262

haematology 5248

in USSR (Uzbekistan)

age & seasonal variation 1677

control, & incidence 423

incidence 1677

Martes foina, helminths 5605

M. melampus melampus, *Paragonimus miyazakii* 5012-5013

M. pennanti

Crenosoma petrowi 5016

Sobolevinygylus 5016

Trilobostrogylus bioccai 5016

M. zibellina altaica, helminths 5592

Massaliatrema yamashitai, n.sp., in *Vulpes vulpes schlencki*, in Japan 151

Mastomys natalensis

anthelmintics 5411, 5862

Mastomys natalensis contd.

2,6-bis-benzimidazole derivatives 401

Brugia malayi, (subperiodic) 4500

B. pahangi 5188

Capillaria hepatica 1937, 2555, 5045

diethylcarbamazine 401

Inermicapsifer madagascariensis 2237

organophosphorus compounds 1485

suramin 401

Mastophorus muris

in *Blattella germanica*, in Tunisia, experimental 2895

in *Phlebotomus ariasi*, in France 3483

Mathematical model

filariaids 2013

helminths, in man 331

host-parasite relationships 5931

microfilariae, in mosquito 5651

Schistosoma 5863

Mathevotaenia, n.sp., [not named or

described], in *Passer domesticus*, in India 4590

M. paraechinis, n.sp., in *Paraechinus*

micropus micropus, in India 1202

M. rodentinum, to *Markewitschitaenia*

rodentinum, n.g., n.comb. 4057

Mauritius

Ancylostoma duodenale 3264

Necator americanus 3264

Mazocraeidae, clamp structure, discussed 5116

Mazocraeidea, morphology of clamps & copulatory apparatus 3516

Mazocraeoides dussumieri, n.sp., in

Dussumieria hasselti, in Sea of Japan 6161

Mazocraes heterocotyle, synonym of

Pseudanthocotyloides heterocotyle 5972

M. longicauda, n.sp., in *Dussumieria*

hasselti, in Sea of Japan 6161

M. orientalis, to *Leptomazocraes orientalis*, n.g., n.comb. 6161

Mazoplectidae, n.fam. 4038

Mazoplectus ineptus, n.g., n.sp., in gonostomatids, in New Zealand 4038

Meat inspection

Cysticercus bovis 665, 4373, 5577

helminths

in cattle 2206

in domestic animals 5515

in fowl 6091

in pig 2206

Trichinella 3696

Mecistobothrium brevispine, n.comb, for

Rhynchobothrium brevispine 4592

M. myliobati, n.g., n.sp., in *Myliobatis californica*, & *Urolophus halleri*, in USA (Pacific) 164

Mecistocirrus

in cattle, in USSR, phenothiazine 373

larvae, development & soil type 5797

- Mecistocirrus** *contd.*
M. digitatus
 carbohydrate metabolism & phenothiazine 1371
 in *Cervus elaphus maral*, experimental 4460
 glycolysis 5786
 lipid analysis 3181, 5790
 nitrogen metabolism 6302
- Medicine, veterinary**
 (book) 4360
 (collected papers) 4361
- Mediterranean**
 helminths
 in Clupeiformes 6111
 in fish 2922, 3872
Wuchereria bancrofti 5802
- Megaceryle alcyon**, *Monopetalonema alcedinis* 6086
- Megaderma** *lyra*
Echinochasmus megadermi n.sp. 2420
E. perfoliatus 2420
- Megaleia rufa**, *Dirofilaria roemeri* 979
- Megalobatrachus davidianus**
Bucephalopsis kweiyangensis 2334
Liolope copulans 2334
Opisthioglyphe orientalis 2334
- Megalocotyloides patagonicus**, n.sp., in
Epinephelus alexandrinus, in Atlantic 5632
- Megalophallus miyazaki**, n.sp., in rat, life-history 1601
- Megasolena archosargi**, synonym of
Megasolena hysterospina 5678
- M. hysterospina**
 n.comb., for *Lepidauchen hysterospina* 5678
 synonymy 5678
- Mehraorchis ranarum**
 egg-shell formation 819
 osmoregulation 4762
- Meiogynophallus minutus**, metacercariae,
in vitro, development & ultrastructure 2589
- Melania scabra**, digenean larvae 2758
- M. tuberculata**
 digenean larvae 2758
Gigantobilharzia 5668
 n.sp., [not named] 6175
- Melanogrammus aeglefinus**, *Grillotia erinaceus* 6108
- Melanoides tuberculata**
Centrocestus 4544
C. formosanus 4544
Cercaria Levantina 9 2972
Cercaria Levantina 10 2972
Cercaria Levantina 11 2972
Cercaria Levantina 12 2972
Cercaria Levantina 13 2972
Haplorchis pumilio 4544
- Melanoides tuberculata** *contd.*
Haplorchis *contd.*
H. taichui 4544
- M. tuberculatus**
Cercaria trioculata n.sp. 1191
Cercariae indicae LXVII n.sp. 6176
- Melanopsis praemorsa**
Cercaria rhionica XII 4339
C. rhionica XI 4339
C. rhionica I n.sp. 3527
C. rhionica XI n.sp. 3527
C. rhionica VII n.sp. 3527
C. rhionica VIII n.sp. 3527
Philophthalmus, cercariae 3527
P. nyrocae 4338
P. rhionica 3836
- Meleagris gallopavo**
Capillaria tridens 4511
 helminths 1726
Heterakis gallinae, & *Histomonas meleagridis* 2961
Sobolevicanthus gracilis 5972
- M. gallopavo silvestris**, helminths 6094
- Meles meles anakuma**
Isthmiophora melis 4046
 nematodes 4046
Tetragomphius melis 3009
- Melogale moschata subaurantiaca**,
Lyperosomum taipeiense n.sp. 1797
- Melolontha melolontha**
Melolonthinimermis hagmeieri 647
Neoaplectana bibionis 4932
N. carpocapsae agriotos 4932
- Melolonthinimermis hagmeieri**, in
Melolontha melolontha, in France, ecology 647
- Menidia menidia**
Rhipidocotyle lintoni 4343, 5680
R. transversale 4343, 5680
- Mephitis mephitis**, *Physaloptera maxillaris* 4888
- Meretrix**, digenean larvae 6130
- Merginae**, *Hymenolepis tenuirostris* 5972
- Mergus serrator**, *Cotylurus japonicus* 2907
- Meriones libycus**, *Trichuris gerbillis* n.sp. 5688
- M. shawi**, *Trichuris gerbillis* n.sp. 5688
- M. unguiculatus**
Ackertia globulosa 3437
Brugia malayi 1077, 5042
B. pahangi 60, 735, 4345, 6252
Dipetalonema wite 4345
Dirofilaria immitis 61
 hydatid 213, 3037
Hymenolepis diminuta 4504
Litomosoides carinii 4694
 mebendazole 2706
- Merlangius merlangus**, *Gilquinia squali* 632
- Merlangus merlangus**, helminths 4776

Mermis

- in *Antigastra catalaunalis*, in India,
biological control agent 6128
- in *Calliptamus italicus*, experimental 110

M. albicans

- in *Malacosoma neustria*, in Yugoslavia
5097
- in *Tortrix*, in Yugoslavia 5097

M. nigrescens

- oxyhaemoglobin of chromatrope pigment
3646
- in *Pterostichus madidus*, in Britain,
pathogenicity 5269

Mermithid, n.g., [not named], in boll weevil,
in USA (West South Central), biological
control agent 1124**Mermithid larvae**, in simuliids, in USSR
(Ukraine) 955**Mermithids**

- in ants, listed 5650
- in *Austrosimulium bancrofti*, in Australia,
intersexes & sterility 6127
- in chironomids, inter-relationship 656
- in *Chironomus*, pathology of corpora
allata 2573
- in insects
 - biological control agents 4324
 - in USSR, listed, & reviewed 654
 - in USSR (Ukraine), climatic variations
827
- in man, discussed 547
- in mosquito 2380
 - in North America, reviewed 6203
 - in USA (West South Central),
biological control agent 2932
- in simuliids
 - biological control, & culture, discussed
655
 - in Canada, survey 2364
 - in USA (South Atlantic) 3479
 - in USSR (European) 4613
 - in USSR (Siberia)
 - incidence, & seasonal variation 3491
 - local survey 201
- in soil, in USSR (European), ecology
4539
- technique for culturing 955
- in USSR (Kazakhstan), local survey
4072

Mermithids, aquatic

- biology, morphology, & taxonomy,
(monograph) 490
- morphology, & taxonomy, (monograph)
486

Mesocestoides corti

- lipid compounds & growth & asexual
reproduction 6304
- in mouse, cortisone & population
dynamics 1262
- in rat, immunization with ES antigen
1858

Mesocestoides corti *contd.*

- tetrathyridia
 - 5-hydroxytryptamine uptake 806
- in mouse
 - immunization 5213
 - mebendazole 382

M. lineatus

- in dog, in USA (East North Central), case
report 606
- in fox, in USSR (Arctic) 1073
- general account 5110
- in man, in Japan 5547

Mesocestoididea, n.ordo 2200**Mesocricetus auratus**, helminths 5041**Mesocyclops leuckarti**

- Acanthosentis dattai* 5653
- Camallanus zacconis* 5695
- Echinocotyle ryjikovi* 659

Mesodon perigraptus, *Didelphostrongylus*
hayesi n.g., n.sp. 6202**Mesomerismis ammophila**, n.sp., in USSR
(Kirgizia) 2445**M. arctica**, n.sp., in *Schönbaueria gigantea*,
in USSR (Siberia) 488**M. caucasica**, n.sp., in *Odagmia variegata*,
in USSR (Georgia) 488**M. ethiopica**, n.sp., in *Simulium damnosum*,
in Tanzania 488**M. longicarpus**, n.sp., in USSR (European)
488**M. minuta**, n.sp., in *Simulium morsitans*, in
USSR (European) 488**M. nigra**, n.sp., in USSR (Kirgizia) 2445**M. parallela**, n.sp., in *Prosimulium alpestre*,
in USSR (Siberia) 488**M. patrushevae**, n.sp., in simuliids, in USSR
(Siberia) 489**M. prisjaznoi**, n.sp., in simuliids, in USSR
(Far East) 489**M. sibirica**, n.sp., in *Gnus relictum*, in
USSR (Siberia) 489**M. tumenensis**, n.sp., in simuliids, in USSR
(Siberia) 201**M. vashkovii**, n.sp., in simuliids, in USSR
(Siberia) 201**Mesorchis pendulus**, in *Actitis hypoleucos*,
& *Tringa glareola*, in USSR (European),
new record (g.) 2969**M. pseudoechinatus**

- in *Cardium edule*, in Caspian Sea, new
record (H.) 4016
- in *Gavia arctica*, in Yugoslavia, new
record (h.) 5062

Mesorhabditis longistomis, n.sp., in *Scolytus*
ventralis, in USA 2183**Mesostephanoides taiwanensis**, n.sp., in
Enhydra chinensis, in Taiwan 2406**Mesostephanus**, diagnosis emended, &
species redescribed 2404**M. alopicis**, synonym of *Mesostephanus*
skworzowi 2404**M. appendiculatoides**, synonymy 2404

Mesostephanus *contd.***M. appendiculatus** ?in *Carassius*, experimental 4339

in cat, experimental 4339

for *Cercaria rhionica* XI 4339**M. appendiculatus**, synonymy 2404**M. crociduri**, synonym of *Mesostephanus dottrensi* 2404**M. dottrensi**, synonymy 2404**M. haliasturus**, synonymy 2404**M. longisaccus**, synonym of *Mesostephanus appendiculatus* 2404**M. minor**, synonym of *Mesostephanus haliasturus* 2404**M. skworzowi**, synonymy 2404**M. yedae**, synonym of *Mesostephanus appendiculatoides* 2404**Metabronema magna**, in *Caranx sexfasciatus*, in Indian Ocean, & Red Sea, new record (g. & h.) 5179**M. salvelini**, in *Pogonichthys macrolepidotus*, in USA (Pacific), new record (h.) 2344**Metacercaria hymenostoma**, n.sp., in freshwater molluscs, in USSR (Far East) 1189**Metacercaria** Iin *Cyzicus*, in USSR (Far East), new record (h.) 119in *Lynceus brachyurus*, in USSR (Far East), new record (h.) 119**Metacercaria** IV, in *Leander modestus*, in USSR (Far East), new record (h.) 119**Metacercariae** (see also Trematode larvae) factors affecting excystment 798
in freshwater fish, in India 1808
in molluscs, in Egypt, local survey, & morphology 2373**Metacestodiasis**, defined 2231**Metachirops opossum**

nematodes 182

Travassostongylus paraquintus n.sp. 182*Viannia metachirops* n.sp. 182**Metagonimus**

in man, in Korea 6324

ultrastructure of penetration gland 693

M. minutus, synonym of *Metagonimus yokogawai* 1095**M. takahashii**, ultrastructure of penetration gland cells 3529**M. yokogawai**

synonymy 1095

ultrastructure of penetration gland cells 3529

Metastrongyles, in pig, technique for diagnosing 6450**Metastrongylus**larvae, in *Eisenia foetida*, metam-sodium 4869

in pig

eosinophilia 3105

irradiated larvae not conferring

immunity 5963

in Japan, reviewed 1005

Metastrongylus *contd.*in pig *contd.*

levamisole 366

in Mexico, histopathology 4168

in Rumania, incidence 2392

in Sweden, histopathology 4168

in USSR (Moldavia), haematology 4169

in wild pig, in USSR (European), seasonal variation 2882

M. apri

in earthworms, in China (South) 2764

in guinea-pig

immunity & thymectomy 733

immunity & whole-body irradiation 733

immunization 4104

irradiation & development 3174

in pig

levamisole hydrochloride, subcutaneous administration 3269

life-cycle 2764

pathology of lung 1888

scanning electron microscopy 3007
ultrastructure of male reproductive system 3318**M. elongatus**

in pig, in USSR (Siberia), survey 45

in wild pig, in USSR (European), tetramisole hydrochloride 5876

M. pudendotectus

in pig, in USSR (Siberia), survey 45

in wild pig, in USSR (European), tetramisole hydrochloride 5876

M. salmi, in wild pig, in USSR (European), tetramisole hydrochloride 5876**Meteterakis sinharajensis**, n.sp., in *Lyriocephalus scutatus*, & *Pseudotyphlops philippinus*, in Sri Lanka 5696**Metorchis bilis**

in duck, experimental 3467

metacercariae, in loach, in USSR (Ukraine) 3467

Mexico*Ancylostoma caninum* 3785*Cotylophoron cotylophorum* 3423*Cysticercus* 5999*Dictyocaulus filaria* 3707*Elytrophallus* 5091*Eutetrarhynchus litocephalus* n.sp. 164*Fasciola hepatica* 3775, 3821

gastro-intestinal nematodes, in sheep 3774

Grubea, n.sp., [not named] 1794
helminths

in domestic animals 2949

in man 3894, 4835

in *Penaeus* 1127

in sheep 3223, 4275

Metastrongylus 4168*Moniezia* 3790

Mexico contd.*Moniezia contd.**M. benedeni* 3422*M. expansa* 3422*Necator americanus* 2213

nematodes

in cattle 3775

in sheep 3738, 3768, 3924

Nybelinia anthicosum n.sp. 164*Onchocerca cervicalis* 3407*Paramphistomum cervi* 3421parasites, in *Penaeus vannamei* 5143*Pseudochauhannea mexicana* n.sp. 6155*Setaria equina* 3407*Skrjabinema ovis* 3424

strongylids 4298

Strongylus 3407

Trypanorhyncha 164

Micro-organismsin *Brugia pahangi*, larvae 4564in *Dirofilaria immitis*, larvae 4564*Microcotyle*, synonymy 3016*M. salpae*, to *Atristaster salpae*, n. comb. 2966**Microfilariae** (see also generic names of adults)

in birds, in Kenya, Tanzania, & Zaire, incidence 5620

in blood, technique for detecting, by filtration 3819

in *Bonasa umbellus*, in USA, survey 5051

in dog

in Britain 4484

in Nigeria, local survey 2310

technique for recovering 2135

in man

in India

new species ? 1207

periodicity & working conditions 1619

in Indonesia, local survey 538

in Timor, local survey 2280

transmission by blood transfusion 1608

in mosquito

development & host mortality, mathematical model 5651

migration 2357

in *Saguinus geoffroyi*, in Panama, local survey 5557

technique for detecting, in blood 4883

Microhadjelia, redefined 1216*M. multipapillata*, in *Lanius senator*, in Israel, redescribed. 1216*Micronema deletrix*, in horse, in USA (East North Central), case report 2865

Microorganisms, & nematodes, transmission to man & plants 2964

Microphallidae, life-cycles, discussed 3309

Microphallus brevicaeca, to *Carneophallus brevicaeca*, n.comb. 2763*Microphallus contd.**M. calidris*, in *Littorina kurila*, in USSR (Far East), ecology, & life-cycle 4346*M. claviformis*, in duck, pathology 5261*M. pirum*in *Enhydra lutris*, in USSR (Far East), ecology of intermediary 4777in *Pagurus*, in USSR (Far East), age variation, & host ecology 4777*M. primas*in *Anas crecca*, in Canada, new record (h.) 1733in *Anas discors*, in Canada, new record (h.) 1733*M. pygmaeus*in *Littorina obtusata*, in USA (North Atlantic), local survey, & new focus 1139in *Littorina saxatilis*, in USA (North Atlantic), local survey, & new focus 1139

in molluscs, in USSR (European), seasonal variation 6134

in *Somateria mollissima*, in USSR (European), seasonal variation 6134*M. similis*in *Littorina saxatilis rudis*, lipids 2610

metacercariae, in vitro, development & ultrastructure 2589

*Micropogon undulatus**Macrovalvitrematoides micropogoni* 3997*Spirocamallanus pereirai* 1115*Micropolyclithrum parvum*, n.g., n.sp., in*Mugil cephalus*, in USA (South Atlantic) 3016*Micropterus notius*, *Turgecaecum**longifauces* n.g., n.sp. 2421*M. salmoides*, helminths 2340*Microsomacanthus fausti*, in *Cyclops*, in USSR (Far East), new record (h.) 119*M. paramicrosoma*, in *Acanthodiptomus denticornis*, in USSR (Kazakhstan), new record (h.) 2361

Microsporidians

in cestodes 2173

& helminths, reviewed 5115

in trematodes 2173

Microtetrameres aquila, in *Aquila**chrysaetos*, in USSR (Kirgizia), new record (g.) 3519*Microtus*, helminths 1713*M. agrestis*, *Syphacia petruszewiczi* 5613*M. arvalis*, *Syphacia microtus* n.sp. 1211*M. montanus**Schistosoma japonicum* 5033*S. mansoni* 5033*M. oeconomus*, *Heligmosomum ryjikovi* n.sp. 195*M. pennsylvanicus*, alveolar hydatid 4494*M. subterraneus*, *Syphacia petruszewiczi* 711

- Miichthys miiuy*, *Dichelyne longispiculata* n.sp. 5695
- Mikoletzkyia calligraphi*, n.sp., in *Ips calligraphus*, in USA 2184
- M. langcauda*, n.sp., in *Dryocoetes confusus*, in USA 2185
- Millardia meltada**
Aspiculuris ratti 5351
Hepatojarakus bandicoti 5351
Syphacia 5351
Thaprosipirura meltadi 5351
Viannella 5351
- Milvus migrans**
Contracaecum kashmirensis n.sp. 191
Diplostomum odeningi n.sp. 1800
D. vidyarthi n.sp. 1800
- Miniopterus schreibersii**, *Molinosstrongylus panousei* 701
- Minnow**, trichlorphon 1477
- Minytrema melanops**, *Anonchophaptor muelleri* 3991
- Mites, oribatid** (see Oribatid mites)
- Miyazakii, I., appreciation 5497
- Molinosstrongylus aelleni**, n.sp., in *Nyctalus lasiopterus*, in Switzerland 701
- M. alatus*, in *Myotis myotis*, in Switzerland, morphology 701
- M. bauchoti*, n.sp., in *Chaerophon*, in Madagascar 702
- M. benexae*, n.sp., in *Chaerophon limbatus*, in Madagascar 701
- M. colleyi*, n.sp., in *Tylonycteris pachypus*, & *Tylonycteris robustula*, in Malaysia 702
- M. ovyangi*, n.sp., in *Glischropus tylopus*, in Malaysia 702
- M. panousei*, in *Miniopterus schreibersii*, in France, morphology 701
- M. richardae*, n.sp., in *Mormopterus albiventer*, in Madagascar 701
- M. skrjabini*, in *Nyctalus noctula*, in Switzerland, morphology 701
- Molluscicides** (see also Control)
ammonium nitrate 941
Bayluscide (see niclosamide)
Bilarcil (see trichlorphon)
bis(tri-n-butyltin) oxide (see TBTO)
Canna indica extract 3755
chlorothalonil 940
copper compounds 908, 917
mode of action 880
copper sulphate 431, 931, 2093, 3251, 3780
mode of action 4862
5,4'-dichlorosalicylanilide 374
Dursban (*O,O'*-diethyl 0-3,5,6-trichloro-2-pyridyl phosphorothioate), mode of action 3792
Frescon (see *N*-tritylmorpholine)
hexabutylstannoxane 1465
inorganic amendments 3283
metaldehyde 1468, 6374-6375
- Molluscicides contd.**
Mollutox (5,2'-dichloro-4'-nitrosalicylanilide) 4247
niclosamide 381, 940, 3251-3252, 3780, 4272, 4423, 4814
niclosamide salts 3252
Pithecelobium multiflorum extract 2721
sodium pentachlorophenate 3251, 3780
TBTO 921
tributyltin fluoride 2025
trichlorphon 499
triphenyl lead acetate 4816
triphenyltin hydroxide, mode of action 3285, 3791
N-tritylmorpholine 431, 940, 1589, 2665, 4257, 4806
toxicity to non-target organisms 1445
various 390, 885, 939, 944, 3762, 5840, 5965
mode of action 880, 4862
research discussed 879
reviewed 886
slow release formulations 877, 935, 1465
symposium 996
technique for applying 861
- Molluscs**
Anomotaenia arionis 115
Aspidogastrea 3837
Calicophoron calicophorum 5087
cercariae 2373, 3674
control by 5,4'-dichlorosalicylanilide 374
control by inorganic amendments 3283
Dicrocoelium 1391, 1403
D. dendriticum 111, 1406, 3283, 5655
digeneans 1125
Echinostoma revolutum 6465
Fasciola 374, 841
F. hepatica 978, 3500
Gastrothylax crumenifer 5087
Gymnophalloides macroporus 1405
helminths 1977, 4691
Hymenolepis 5815
Liorchis scotiae 5087
in Madagascar, local survey 3883
metacercariae 2373
Microphallus pygmaeus 6134
Muellerius 5654
Opisthorchis felinus 1
Paragonimus iloktsuenensis 6138
Paramphistomum ichikawai 5087
parasites 4020
Plagiorchida 2754
Plagiorchis elegans 463
protostrongylids 1128, 2076, 6374-6375
Protostrongylus hobmaieri 1573
Raphidascaris acus 650
Schistosoma bovis 5518
trematode larvae 1978
trematodes 1137, 1405, 1755, 2944, 3471, 3489, 4008, 5951, 5980
Trichobilharzia ocellata, cercariae 3308

Molluscs contd.

in USSR

control by ammonium nitrate 941

control by metaldehyde 1468

metaldehyde 6375

in USSR (Siberia), distribution 2022

Molluscs, aquatic, helminths 4543**Molluscs, freshwater**

cercariae 3473

Fasciola hepatica 4214

helminths 1189, 1421, 3503

Metacercaria hymenostoma n.sp. 1189*Sanguinicola* 3477

schistosomatid cercariae 1141

trematode larvae 3488, 5648

trematodes 657, 661, 2363

in USSR, control by copper sulphate 931

Molluscs, marine, parasites 3496**Molluscs, terrestrial**

helminths 114

Protostrongylus kochi 2366, 2936, 5086

in USSR (Kazakhstan), local survey, &

zoogeography 2939

Moluccabdelia moluccensis*, n.g., n.comb.,**for *Phytobdella moluccensis* 471Monaxinoides laminata*, n.sp., in***Chorinemus affinis*, in India 3517**Mongolia***Catenotaenia asiatica* n.sp. 6186*Gyrodactylus kononovovi* n.sp. 5117helminths, in *Thymallus brevirostris* 106*Hymenolepis meszarosi* n.sp. 5682**Moniezia**

in buffalo, in USSR (Azerbaijdzhan),

copper sulphate 343

in cattle

in USSR (European), distribution,

epizootiology, & incidence 586

in USSR (Siberia), ecology, & incidence

2007

& enterotoxigenesis, in sheep, in USSR (Kazakhstan), incidence, & control

6287

key to species & subgenera 5153

in oribatid mites

in USSR (Far East), ecology, &

incidence 3671

in USSR (Siberia), ecology, & incidence

2007

ova, in faeces, technique for detecting, by flotation & sedimentation, compared

5917

revised 5153

in sheep

cambendazole 5401

chemotherapy & blood changes 1481

copper sulphate 2703

diphenyl sulphides 1446

fenbendazole 1452

host nutrition 1305

in Mexico, cambendazole 3790

pathogenicity, & economic loss 3416

Moniezia contd.

in sheep contd.

in Poland 4373

chemotherapy 2115

resorantel 4373

in USSR (Kazakhstan)

control, & economic loss 1541

epizootiology 1399

prophylaxis 6383

in USSR (Latvia), vector ecology 1414

in USSR (Siberia), chemotherapy

2072, 2730

in USSR (Tadzhikistan), epizootiology 848

in USSR (Uzbekistan)

age & seasonal variation, &

prophylaxis 4467

chemotherapy 1522

in USSR, ecology of intermediary 4021

***M. autumnalis*, larvae, in oribatid mites, in**

USSR (Siberia), development 1762

M. benedeni

lipids 5296

in oribatid mites, in USSR (Far East),

development 3832

in *Saiga tatarica*, in USSR (Kazakhstan),

age & seasonal variation 5346

in sheep

in Mexico, economic loss 3422

in USSR (Kazakhstan), age variation

1056

in USSR (Siberia)

age of first infection 1687

age variation, & distribution 1686

M. expansa

anomalous specimen 1820

antigen, in mouse, pathology 3597

in *Capreolus capreolus capreolus*, in

USSR (Azerbaijdzhan), new record (h.)

6031

in cattle

niclosamide, mode of action 2084

in Poland, local survey 4991

resorantel 369

cysticercoids, in oribatid mites,

development & ultrastructure of cyst 4591

detoxication mechanism 5519

in goat

in China (South), control, & incidence 1416

resorantel 369

metabolism of anthelmintics 1002

metabolism of foreign compounds 1357

in oribatid mites, in China, incidence

1416

in *Saiga tatarica*, in USSR (Kazakhstan),

age & seasonal variation 5346

in sheep

in Mexico, economic loss 3422

in Poland, local survey 4991

in USSR, meat & wool yield 6280

- Moniezia expansa* *contd.*
 in sheep *contd.*
 in USSR (Siberia)
 age of first infection 1687
 age variation, & distribution 1686
- M. plannissima*, in cattle, in Taiwan, survey 934
- M. rangiferina*, in *Rangifer tarandus*, in USSR (Far East), morphology 1059
- Monilicaecum*, in cephalopods, in North Pacific, morphology, & new records (h.) 5091
- Moniliformis clarki*
 morphological variation 4602
 in Orthoptera, host specificity & lack of hybridization 4489
 in rodents, host specificity & lack of hybridization 4489
- M. dubius*
 acanthellae, in *Periplaneta americana*, development, & pathogenicity 801
 anatomy of cerebral ganglion 3531
 carbohydrate transport 3662
 carbohydrate uptake 4765
 oogenesis & structure of ovarian ball 5685
 in *Periplaneta americana*, in Egypt, morphology 1818
 in rat
 immunity 2456
 reagenic antibodies 2457
- M. moniliformis*
 morphological variation 4602
 morphology of nervous system 6189
 in Orthoptera, host specificity & lack of hybridization 4489
 in rodents, host specificity & lack of hybridization 4489
 in Tenebrionidae, new records (h.) 2365
- Monkey**
Ancylostoma caninum 1982
 antimony potassium tartrate 3704
Brugia malayi 4673, 4732
Echinocephalus sinensis 1318
Fasciola 564
 helminths 14, 1613, 4418
 mebendazole 4263
 piperazine diantimonyl tartrate 3704
Schistosoma japonicum 229, 2485
 strains 749
S. mansoni 3572
Trichuris muris 5549
 26,354 R.P. 3224
- Monobothrium ulmeri*
 in *Erimyzon oblongus*
 in USA (South Atlantic)
 new record (h.) 2343
 seasonal variation 6105
- Monocercus* "C", for *Cysticercus* "C"
 Harper, 1930 3854
- Monodon monoceros*, *Halocercus monoceris* 63
- Monococcestus americanus*, ultrastructure of sense organs 5139
- Monogeneans**
 in *Allotenuis subulata*, in Britain, biology 2940
 in elasmobranchs
 in Atlantic, morphology 5662
 in South Atlantic, morphology 2965
 in fish
 in Antarctica, & South Atlantic, check list, & new taxa 5670
 in Atlantic 5632
 in Far East, development, & morphology 963
 in USSR (Ukraine), trichlorphon 2113
 in freshwater fish
 in USA (South Atlantic), listed 1793
 in USSR 2345
 in USSR (European), local survey 101
 in USSR (Georgia), local survey 2339
 in marine fish, in India 3517
 phylogeny 2398
 in *Rutilus rutilus*, in Poland, water temperature & incidence 4375
 technique for staining, opishaptor sclerites 6453
- Monopetalonema alcedinis*, in *Megaceryle alcyon*, in USA (South Atlantic) 6086
- Monosacanthus streperae*, in birds, in USSR (Ukraine), new record (g.) 71
- Monostomum galeatum*, to *Rhipidocotyle galeatum*, n.comb. 5680
- Monticola rufiventris*, *Diplotriaena chandragirensis* n.sp. 5181
- Mooreobdella melanostoma*, n.sp., in USA (South Atlantic) 5934
- M. tetragon*, n.sp., in USA (South Atlantic) 5934
- Morerastrongylus andersoni*
 in *Lymnaea stagnalis*, mode of infection, & migration 3835
 in *Planorbis barbus*, mode of infection, & migration 3835
- Mormopterus albiventer*, *Molinostrongylus richardae* n.sp. 701
- Morocco**
 hydatid 889
Schistosoma bovis 1197
S. haematobium 1609
- Morone americana*
Urocleidus nactus n.sp. 4568
U. rogersi 4568
- M. chrysops*
Camallanus oxycephalus 1424
Urocleidus rogersi 4568
- M. saxatilis*
Cleidodiscus pricei 2344
Contracaecum brachyurum 2344
- Morphology**
Abbreviata kazachstanica 2440
 acanthocephalan larvae, in Euphausiidae 1774

Morphology contd.

- acanthocephalans 2988
Acanthocephalus opsariichthydis 5158
A. parksiei 1823
A. serendibensis 5696
Acanthocheilus 520
Acanthocolpus liodorus 5073
Acanthoparyphium lobatum 5063
Acanthosentis dattai 5653
Acanthoxyurus anomaluri 1839
A. obubra 1839
Actinocleidus oculatus 4037
A. recurvatus 4037
Acuarioidea 1209
Agriostomum vryburgi 710, 2789
Alaria alata 1803
Allassostomoides chelydrae 2402
Allocreadioidea 144
Allocreadium 3522, 4577
A. fasciatus, miracidia 6174
A. isoporum 1121
alveolar hydatid 5747
Amidostomum acutum 2327
Ancylostoma 710
A. braziliense 3973, 5028
A. caninum 3973, 5028, 5167
A. malayanum 5601
A. tubaeforme 3973, 5028
ancylostomatids 3541
Angiostrongylus 4386
A. cantonensis 1716, 3006-3007, 4495
Anguillicola 98
Anisakinae 4611
Anisakis 520
A. physeteris 2996
A. simplex 2996
A. typica 2996
Anomotaenia arionis, cysticeroids 115
A. constricta 2429
 cysticeroids 2429
 ova 2429
Anonchopator anomalum 135
Anoplostrongylus (Tupaiostrongylus) liei
 188, 699
Antarcticobdella crozetensis 6478
Apatemon cobitidis 694
Aploparaksis 5140
A. birulai 6181
A. brachyphallos 6181
A. scolopacis 2982
Apophallus donicus, metacercariae 2425
A. muehlingi, metacercariae 2425
Aporocotyle simplex
 miracidia 2423
 ova 2423
Armadoskrjabinia 2986
Arthrostoma longespiculum 4616
Ascaridia galli 2994-2995
Ascaridoidea 2324
Ascaris 6205
A. lumbricoides, ova 3013

Morphology contd.**Ascaris contd.**

- A. suum* 1835, 2441, 2993, 2995, 3175, 6200
 larvae 173
 ova 3013
Ascarophis 4014-4015
Aspicularis pakistanica 4615
Astiotrema reniferum 5137
Asymphyllodora 4577, 6171
A. kubanicum 1121
Atraster heterodus 2966
Atrophecaecum hindusthanensis 1811
Avitellina centripunctata 1055
Azygia lucii 4049, 4578
Basidiodiscus ectorchis
 miracidia 5679
 ova 5679
Bothriocephalus opsariichthydis 2431
B. scorpii 4053, 5148
Brachylaemus nicolli 3982
B. tjanschanica 2326
brachylaimoid cercariae 143
Brachylecithum andamanensis 5063
B. eugenia 2403
Brugia malayi 2446
 microfilariae 5182
B. pahangi 5173
 microfilariae 5182
 spermatozoa 468
B. tupaiae, microfilariae 5182
Bucephalus 5084
Bunostomum trigonocephalum 3333
Caenorhabditis elegans 4902
Cainocreadium labracis, cercariae 144
Calceostoma calceostoma 3515
Calceostomatidae 3515
Calceostomella inermis 3515
Calicophoron calicophorum 5138
C. erschowi 5138
C. ijimai 5138
C. raja 5138
Callorhynchicola, multitesticulatus 963
Camallanus zacconis 5695
Capillaria perforans 1213
C. podicipitis 4605
C. vanelli 2327
Cardiofilaria pavlovskiyi 72
Caromyerius synthes 6035
Cephalogonimus brevicirrus, cercariae 4040
 Cercaria Levantina 9 2972
 Cercaria Levantina 10 2972
 Cercaria Levantina 11 2972
 Cercaria Levantina 12 2972
 Cercaria Levantina 13 2972
 Cercaria rhionica XII 4339
 cercariae, in molluscs 2373
 Cercariaeum type I 4044
 Cercariaeum type II 4044
 Cercariaeum type III 4044

Morphology contd.

- cestode larvae
 - in crustaceans 659
 - in *Euphausia similis* 1773
 - in Euphausiidae 1774
- cestodes, in aquatic birds 2328
- Chandlerella bosei* 72
- Choanotaenia passerina* 4590
- Choniangium epistomum* 4612
- Cladotaenia cylindracea* 3982
- Coenurus* 165
- Cosmocerca brasiliensis* 6193
- Cotylotretus cubanicus* 5625
- Cotylurostrigea raabei* 1096
- Cotylurus hebraicus* 1096
- Crowcrocaecum* 4577
- Ctenotaenia* 6185
- Cyathocotyle prussica*, metacercariae 1193
- C. skrjabini* 1096
- cyathocotylid cercariae 1189
- Cyathospirura seurati* 1216
- Cyathostoma lari* 5050
- Cyathostominae 5689
- Cyclocoelum mutabile* 4894
- Cyclocotylodes pinguis* 5664
- Cyclodontostomum purvisi* 710
- Cyrnea* (*Cyrnea*) *euryerca* 72
- C. leptoptera* 3982
- Cysticercus bovis* 1199, 5684, 6188
- Cystidicola farionis* 6192
- Dactylogyrus anchoratus* 4569
- D. dubius* 679
- D. elegantis* 4569
- D. extensus* 4569, 5633
- D. formosus* 4569
- D. hypophthalmichthys* 1752
- D. inexpectatus* 4569
- D. vastator* 4569
- D. vistulae* 4569
- Davainea* sp. I 119
- Davaineata 5150
- Decrusia additicta* 5692
- Deletocephalus dimidiatus* 1210
- Dendritobilharzia pulverulenta*, cercariae 5126
- Derogenes varicus* 5091, 5671
- Deropristis*, cercariae 144
- Dicrocoelium dendriticum* 1812
- D. hospes* 5121
- Dicrumenia bychowskyi* 3515
- Dictyocaulus viviparus* 5170
- Didymozoon apharyngi* 4581
- digenean larvae 1601
- digeneans, in vertebrates 2416
- Dilepis brachyarthra* 2428
- Dinurus barbatus* 5671
- Diectophyme renale* 5925
- Diorchis acuminata* 2984
- D. diorchis* 2427
- D. ransomi* 2984
- Dipetalonema* 2888

Morphology contd.

- Dipetalonema* contd.
 - D. grassii* 1828
 - D. reconditum* 3434
- Diphterostomum brusinae*, cercariae 144
- Diphyllbothrium* 4589, 5155
- D. dendriticum* 695, 778, 1201, 2172
- D. ditremum* 695, 1200–1201, 2172
- D. erinacei* 5110
- D. latum* 695–697, 1201, 2172, 5155
- D. vogeli* 1200–1201, 2172
- Diplodiscus mehrai* 1809
- Diplogonoporus balaenopterae* 5155
- D. grandis* 5155
- Diploproctodaeum* 4583
- Diplostomulum petromyziti-fluviatilis* 6468
- Diplostomum ophthalmi*, metacercariae 1808
- D. pusillum* 1815
- D. spathaceum* 1800
- Dirofilaria immitis* 5173, 5595
- Dispharynx nasuta* 72
- Echinochasmus* sp. I 4342
- Echinochasmus* sp. I, cercariae 1131
- Echinochasmus* sp. II 4342
- E. corvus* 1806
- E. (Echinochasmus) militaris* 6179
- E. (Episthochasmus) corvus* 2412
- Echinococcus* 1817
- E. granulosus* 1204
- Echinorhynchotaenia* 2986
- Echinorhynchus* 2988
- echinostomatid cercariae 3521
- echinostomes 1126
- Elaphostrongylus cervi* 4609
- Elytrophalloides oatesi* 5671
- Elytrophallus* 5091
- Enterobius vermicularis* 3001
- Equinurba sipunculiformis* 4612
- Erpobdella octoculata* 1579
- Eudiplogaster aphodii* 4896
- Eurycephalus dogieli* 2338
- Eurytrema* 6170
- Eustoma* 520
- Fasciola gigantica* 820, 1129
- F. hepatica* 820, 1129, 1799, 1805, 2400–2401, 5135
- miracidia 4050
- filarids 5083
- Fimbriaria fasciolaris* 5152
- Ganeo africana* 142
- gastro-intestinal nematodes, in sheep 1551
- Gastrocotyle indica* 6160
- G. trachuri* 6160
- Gastromermis hibernalis* 4072
- Gastrotaenia dogieli* 6463
- Gastrothylax crumenifer* 5133
- Gazellostrongylus lerouxi* 4065
- Genarchopsis goppo* 2975
- Gigantobilharzia* 5668

Morphology contd.

- Gigantobilharzia* contd.
G. huronensis, miracidia 4574
Glypthelmins festina 5130
G. simulans 5130
Glyptonotobdella antarctica 6478
Gnathostoma spinigerum 5171
Gongylonema pulchrum 4970
Gonocerca phycidis 5671
Gorgoderina vitelliloba cercariae 2611
Grammocephalus hybridatus 612
Gryporhynchus pusillus 119
Gynaecotyle longiintestina 4541
Gyrodactylus aphyae 6156
G. macracanthus 4567
G. macronychus 6156
G. micracanthus 4567
Gyrometra, n.sp., [not named] 2987
Habronema megastoma 5168
Habronematoidea 1209
Hadjelia truncata 72
Haemonchus 4454
H. contortus 3012
Halipegus mehransis 2416
Hammatopeduncularia arii 140
Hammerschmidtella diesingi, ova 2450
Haplonema hamulatum 174
H. immutatum 174
Haploparaxis japonensis 5152
Haplorchis pumilio, cercariae 4571
 helminth ova 5969
 helminths 2796
 in fowl 2901
 in Hirudinea 964
 in oligochaetes 964
 in rabbit 3975
 in *Sorex* 1711
 in vertebrates 5507
Hemipera sharpei 3998
 Hemiuroida 2407
Hepatojarakus malayae 188, 699
Heterakis gallinae 3003, 3333, 4610
Heterophyes superspinatus 6179
 Hexabothriidae 4076
Hexameris brevis 703
Hexametra skrjabini 1105
Himastha quissetensis 4714
Hirudinella ventricosa 5671
Hirudo medicinalis 2160
Holorchis pycnopus 2415
 hookworm 710
 hydatid 168, 5747
Hydromermis borokii 4072
H. grandis 4072
Hydrophitrema gigantica 2330
Hymenocotta manteri 3016
Hymenolepis bahli 1203
H. christensoni 5683
H. diminuta 2985
H. diorchis 2427
H. gertschi 5683
H. gilloni, cysticercoids 645
H. makundi 1203

Morphology contd.

- Hymenolepis* contd.
H. microstoma 5142
H. nana, cysticercoids 1355
H. roudabushi 5683
Isancistrum 2398
Isthmiophora melis 4046
Lanceimermis distoicha 4072
Lecithaster australis 5671
L. salmonis, miracidia 159
Lecithochirium 5091
L. microstomum 5091
Lecithocladium cristatum 5671
Lepocreadium album, cercariae 144
Leptophallus nigrovenosus 1188
Leucochloridium actitis 2403
L. turanicum 179
Levenseniella acanthophalla 119
Ligula intestinalis, plerocercoids 161
Liorchis scotiae 1960
 cercariae 5465
Lophotaspis orientalis 1795
Lyperosomum alagesi 2403
Macrodera 1784
Margeana linguatula 5130
M. proximus 5130
M. pseudium 5130
M. sera 5130
Maritrema subdolium 5474
 Mazocraeidae 5116
 Mazocraeidea 3516
 mermithids 486, 490
Mesocestoides lineatus 5110
Metacercaria I 119
Metacercaria IV 119
 metacercariae, in molluscs 2373
Metastrongylus apri 2764, 3007
Microhadjelia multipapillata 1216
Microsomacanthus fausti 119
Molinostrongylus alatus 701
M. panousei 701
M. skrjabini 701
Moniezia expansa 1820
M. rangiferina 1059
Monilicaecum 5091
Moniliformis clarki 4602
M. dubius 1818, 3531, 5685
M. moniliformis 4602, 6189
 monogeneans 963, 5662
 in elasmobranchs 2965
Multiceps endothoracicus 5147
 larvae 2981
Murshidia falcifera 4612
Nectonema 3544
 nematodes 181, 709, 2742, 5176
 in amphibians 4620
 in bark beetles 2179
 in *Meles meles anakuma* 4046
Neoplectana 205
Neomicrocotyle indica 5663
Neopodocotyle lucknowensis 4570
Nephrotrema truncatum, cercariae 6163

Morphology contd.

- Notocotylus attenuatus* 1733
Nybelinia surmenicola 2433
Nycteridostrongylus (Petiellus) petersi 699
Oesophagostomum 5161
O. acreatum 3005
O. dentatum 3004, 4070
O. granatensis 4070
O. quadrispinulatum 4070
Ollulanus tricuspis 6064
Ommatobrephus singulare 1192
Onchocerca armillata 5160
O. cervicalis 5160
O. gutturosa 5160
O. reticulata 5160
O. volvulus 5160
Opecoelidae 5671
Ophiotaenia nattereri 5681
O. viperis 5681
Opisthioglyphe koisarensis 627
Opisthorchis felineus 685
Orientocreadium siluri 6489
Ornithostrongylus quadriradiatus 5624
Orthoskrjabinia bobica 5156
Ostertagia 4454
O. circumcincta 4071
O. (Marshallagia) marshalli 4071
O. (Moufflonagia) podjapolsky 4071
O. trifurcata 4071
Oswaldofilaria belemensis 175
O. petersi 175
O. spinosa 175
Otodistomum cestoides 5670
Oxyspirura kaitingensis 72
Oxyuris equi 3001
Palaeorchis unicus 1121
Parabronema skrjabini 38
Parachristianella monomegacantha 4592
Paracooperia serrata 4065
Paradinurus manteri 5671
Paragonimus, metacercariae 1796, 4579
P. westermani 119, 3433
Paragordius varius 1841
Parahemiurus 152
Paralepoderma brumpti 5125
P. cloacicola 5125
P. progeneticum 5125
paramphistomes 5132
Paramphistomum cervi 1960
Parascaris equorum 2993, 2995
Pegosomum ixobrychi 2338
Petasiger, cercariae 1131
P. (Petasiger) brevicauda 6179
P. (Petasiger) lobatus 6179
Philometra 5095
P. cylindracea 1827
Philophthalmus, cercariae 3527
P. gralli 4587
P. hegneri
cercariae 4045
metacercariae 4045

Morphology contd.

- Phyllodistomum* 4577
P. vachius 2418
Physaloptera 5011, 6095
P. maxillaris 4888
Piscicolidae 4907
Placobdella multilineata 5934
P. papillifera 5934
Plagioporus 4577
P. pennelli 5671
Plagiorchis elegans 3524
P. fastuosus 3524
P. laricola 684
P. lenti 5130
P. maculosus 2403
P. momplei 3524
Plasmiorchis orientalis 5672
P. stunkardi 5672
Polymorphus cincli 119
Polystoma 136
Pomphorhynchus 2988
P. kostylewi 1121
Porrorchis hylae 3532
P. indicus 3532
Postharmostomum gallinum 5482
Proalarioides tropidonotis 5667
Probolitrema richiardi 5670
Prosotocus confusus 1138
Prosthogonimus anatinus 2973
P. cuneatus 2973
Proteocephalus singularis 5681
Protopolystoma xenopodis 2967
Protopolystomatidae 2967
Protostrongylidae 2169
Protostrongylus 708
Pseudanthocotyloides heterocotyle 5972
Pseudobenedenia nototheniae 5670
Pseudocephalotrema pyrenaica, cercariae 6164
Psilotrema spiculigerum 1096
Pygarginema verrucosa 1212
Quilonia travancra 5692
Renicola, metacercariae 633
Retinometra guberiana 4056
Rhipidocotyle lintoni 5680
R. transversale 5680
Rictularia proni 2388
Sacciuterina stellifera 5924
Sandonia sudanensis
miracidia 5679
ova 5679
Schistosoma 2387
S. bovis 1197
S. haematobium 5128
ova 4585
S. japonicum 4750
S. mansoni 1195, 1768
cercariae 5122, 6178
ova 6168
S. rodhaini, cercariae 6178
Schistosomatidae 5501

Morphology contd.

- Schistosomatium douthitti*, miracidia 4574
Setaria digitata 713, 3000, 5168
S. equina 713, 3000
S. labiatopapillosa 713, 3542
S. marshalli 5168
Seuratium cadarachense 975
S. cancellatum 4617
Singhiatrema lali 1811
Skrjabinophyetus neomydis, cercariae 6163
S. soricis, cercariae 6163
Sobolevicanthus gracilis 4056
S. serratus 2985
 spargana 6220
Spirocerca lupi 5170
Spirometra erinacei 4974, 5155
Spirometra brevispiculata 2336
Spirura aurangabadensis 5180
 spirurid larvae 1761
 Spiruroidea 1209
Staphylepis rustica 2985
Stegophorus stellaepolaris 5050
Stellocaronema fausti 1216
Stephanochasmus 5091
Stephanostomum pristis 3998
Stephanurus dentatus 5169
Stilesia globipunctata 5145–5146
Streptopharagus pigmentatus 5165
Strigea triloborhynchis 4043
 Strigeata 2405
 strongylids 3541
Strongyloides turkmenica 5050
Strongylus 2194
S. equinus 3538, 5167
S. vulgaris 5169
Stunkardia dilymphosa 5131
Subulura 5166
S. distans 5166
S. hindi 5166
Syncoelium filiferum 5671
Syngamus skrjabinomorpha 3539
Synhimantus australiensis 4075
Syphacia muris 3002
S. obvelata 3002
S. petrusewiczii 711
S. (Syphatineria) funambuli 1840
Taenia pisiformis 2580, 4051
Tatria 167
T. biremis 1816
Telorchis solivagus 155
Temnocephala talicei 6123
Tetragomphus melis 3009
Tetrameres fissispina 2327
Tetraonchus alaskensis 687
Tetrochetus coryphaenae 5670
Thelazia gulosa 4463
T. lacrymalis 4452
T. rhodesii 5171–5172
T. skrjabini 4463, 5171
Thynnascaris 520

Morphology contd.

- Thysanosoma actinioides* 2287
Torquatoides crotophaga 4067
Toxascaris leonina 5690
Toxocara canis 2994–2995, 5690
 ova 3013
T. cati 2994–2995, 5184
T. mystax, ova 3013
 trematode metacercariae, in crab 1796
 trematodes
 in aquatic birds 2328
 in Corvidae 2403
 in elasmobranchs 2965
 in Limicolae 2969
 in molluscs 4008
Tremiorchis ranarum 5666
Trichinella 5597
T. nativa 2990, 4606
T. nelsoni 4606
T. pseudospiralis 2990, 5597
T. spiralis 2990, 4204, 4606
 larvae 6198
Trichobilharzia brevis, cercariae 4571
T. querequidulae 1733
Trichonema 2194
Trichospirura 5163
Trichostrongyloidea 5186
Trichostrongylus 4454
T. colubriformis 5186
T. longispicularis 715
Trichuris 3534
 ova 4837
T. campanula 1837
T. muris 2999
T. myocastoris 1829
T. ovis 2998, 3333
T. suis 2997
T. trichiura 2997
T. vulpis 2998–2999
Typhlocoelium cucumerinum 5481
Udonella caligorum 1178
Urocleidus rogersi 4568
Vampirolepis fraterna 2985
Vigisospirura potekhini 6095
Wuchereria bancrofti, microfilariae 2236, 4607, 5182
W. lewisi, microfilariae 4607
Xenopharynx piscator 157
 Xiphidiocercariae 4042
- Mosquito**
Brugia malayi 2374, 4783
 control, reviewed 3737
 control by larvivorous fish 3296
Dirofilaria immitis 2942, 6411
 & bacteria 5520
Diximeris peterseni 4545
 filariids 891, 2013, 2380, 4446, 4548, 4693
 in India, ecology 6135
 mermithids 2380, 2932, 6203
 microfilariae 2357, 5651

Mosquito contd.

- & mosquito-borne diseases, bibliography 2380
- nematodes 2380, 4535
- Raphidascaris acus* 1151
- Reesimermis nielsenii* 653
- Wuchereria bancrofti* 3495, 6331

Moufflon

- helminths 576
- mebendazole 6409

Mouse

- alkyl & aryl 1-methylethyl phosphates, phosphonates & phosphinates 3772
- alveolar hydatid 4079
- & *Salmonella* 3510
- Ancylostoma braziliense* 966
- A. caninum* 1982, 3026, 3829
- A. ceylanicum* 966, 2519
- A. tubaeforme* 825, 5349
- Angiostrongylus cantonensis* 1709–1710, 1716, 5226
- anthelmintics 360, 426, 924, 3751, 5893, 5910
- antibiotic G-418 407
- antimitotic agents 4800
- antimony potassium tartrate 6418
- Ascaris* 5199
- A. lumbricoides* 210
- A. suum* 210, 741, 786, 1349, 2598, 3120, 3639, 3701, 4636, 5971, 6230
- aspiculamycin 3245
- Aspicularis tetraptera* 1225
- benzimidazole 5967
- benzimidazole compounds 3229
- benzimidazole derivatives 3064, 4283, 5839
- bisocanate 6406
- bromophos 919
- brothianide 3753
- cambendazole 882
- Capillaria hepatica* 1870
- Catenotaenia pusilla* 5039
- β , β -chloronitrostyrene 1530
- 2-chloro-1,4-naphthoquinone 1530
- Cysticercus fasciolaris* 4490
- diamphenethide 3715
- dichlorophen plus niclosamide 5393
- diphenyl sulphides 5451
- Fasciola hepatica* 2138, 2145, 2478, 4096, 5467
- fenbendazole 1478, 2695
- fenchlorphos 919
- fenthion 5962
- Heligmosomoides polygyrus* 2470, 5193
- helminths 338
- Hexameta quadricornis* 4162
- hookworm 1863
- hycanthone 1486
- hydatid 213, 3037, 4627, 5243, 5287
- hymenolepidids 1260
- Hymenolepis* 4225

Mouse contd.

- Hymenolepis contd.*
- H. diminuta* 2460, 2462, 3023, 4081, 4623, 4650
- H. fraterna* 1259
- H. microstoma* 2484, 3164, 3653, 5707, 6283
- H. nana* 56, 230, 282, 1259, 1355, 2488, 3967, 4741, 6231
- levamisole 2682, 3712, 4283, 5861
- mebendazole 382, 1442, 2040, 2661, 3712, 4283, 5861
- Mesocestoides corti* 1262, 5213
- metronidazole 402
- Moniezia expansa*, antigen 3597
- Necator* 4720
- nematodes 1243
- Nematospiroides dubius* 1876, 1904, 2489, 5300, 6213, 6233
- niclosamide 4279, 5363, 5393
- niclosamide plus trichlorophen 5393
- Nippostrongylus brasiliensis* 1248, 1853, 1879, 2489, 5232, 6213
- niridazole 402
- 5-nitrothiazoles 3741–3742
- 5-nitro-4-thiazolines 3741–3742
- organic phosphorus compounds 4855
- oxamniquine 6410
- piperazine 365
- piperazine biguanide derivatives 3796
- piperazine diantimonil tartrate 3703
- pyrantel pamoate 2040
- quinine 1507
- quinine isomers 1507
- 4-quinolinehydrazones 3771
- sarcosylsine-acridine 5861
- Schistosoma* 5739
- S. haematobium*, (Sudanese strain) 4492
- S. japonicum* 1938, 2759, 4750, 4771
- S. mansoni* 241, 273, 746, 818, 1217, 1252, 1270, 1278, 1861, 2504–2505, 3028, 3438, 3555, 3591, 3611, 4110, 4145, 4681, 4685, 5191, 5196, 6212, 6461
- (Puerto Rican strain) 4492
- & tetanus 5700
- S. matthei* 4685
- Schistosomatium douthitti* 2496
- Spirometra theileri* 3082
- Strongyloides ratti* 1286
- Syphacia obvelata* 1708
- Taenia crassiceps* 3554
- T. taeniaeformis* 2498, 5714, 6228
- thiabendazole 2663, 2731, 5861, 6426
- thiabendazole plus methotrexate 3270
- thiabendazole plus phytohaemagglutinin 3270
- thiophene derivatives 433
- toxicity
 - of aminoacrichin 379
 - of antimony potassium tartrate 6418
 - of bithionol 379

Mouse contd.

toxicity contd.

- of cambendazole 882
- of diphenyl sulphides 5451
- of ethanolmorpholine derivatives 5969
- of hycanthone 5897
- of metronidazole 402
- of niridazole 402
- of substituted β -amino-ketones 3739
- of trichlorphon 4857
- of trichlorphon analogues 4856-4857
- Toxocara canis* 281, 1219, 1304, 1912, 2493, 2508, 2630, 3680, 5271, 6279

T. cati 970*T. tanuki* 969*Trichinella* 1372, 3053, 3061, 3086-3087, 3576, 5722

T. spiralis 212, 217, 221, 724, 760, 1223, 1266, 1860, 1864, 2497, 3038, 3040, 3066-3067, 3089-3090, 3099, 3179, 3570, 3575, 3601, 4093, 4120, 4125, 4160, 4200, 4347, 4375, 4672, 4677, 4738, 5201, 5211, 5715, 5718, 5738, 5961, 5967, 6247, 6250
 & cancer 1251
 & Rauscher leukemia virus 678
 & virus 4633

trichlorophen 5393

trichlorphon 4856-4857

trichlorphon analogues 4856-4857

Trichuris muris 240, 2529, 3109, 4126
 & *Babesia* 4669

26,354 R.P. 3224

Moxostoma erythrurum*, *Anonchoaptor muelleri 3991**Mozambique***Fasciola gigantica* 2867

nematodes, in cattle 2867

Schistosoma 3387*S. haematobium* 8**Muellerius**in *Deroceras reticulatus*, effect of climatic conditions on host 1776

in molluscs, infection & host activity 5654

in *Succinea putris*, effect of climatic conditions on host 1776**M. capillaris**

in sheep

prenatal infection, & infection via milk, not found 1593

in USSR, prophylaxis 6432

in USSR (European), incidence, & control of intermediary 6431

Mugil capito, helminths 1743**M. cephalus***Epithelionematobothrium fragile* n.sp. 3016

helminths 1743, 3016

Hymenocotta manteri n.sp. 5676*Lasiotocus mugilis* n.sp. 5677***Mugil cephalus* contd.***Micropolyclithrum parvum* n.g., n.sp. 3016*Plethorchis acanthus* n.g., n.sp. 1804*Schikhobalotrema magnum* n.sp. 3016**Mugilids**, parasites 105**Mule***Fasciola hepatica* 1347*Schistosoma indicum* 1347**Multiceps**

in dog

bunamidine oxynaphthoate 6404

chemotherapy 2092

hexachlorophene 2045

in *Lepus californicus melanotis*, in USA (Mountain) 608***M. endothoracicus***

larvae, morphogenesis 2981

rostella development 5147

M. multicepsin *Ctenodactylus gundi*, in Tunisia 5608

in dog

antigens 3110

in Bulgaria, control, & incidence 4029

bunamidine oxynaphthoate 6440

in USSR, bunamidine oxynaphthoate 6441

in sheep, in Australia, historical record 41

M. serialis, in *Ursus americanus*, in USA (West North central), new record (h.) 613***Mupus japonicus*, *Glossobothrium nipponicum*** 92**Muridae**

cestodes 3440

helminths 1417

nematodes 3440

Murielea, to Murielinae, n.rank 184**Murielinae**, n.rank, for Murielea 184***Murielus abei***, n.sp., in *Ochotona roylei*, in Nepal 184***Murshidia falcifera***, somatic muscle cells 4612***Mus booduga*, *Hepatojarakus bandicoti*** 4499***M. musculus****Syphaciurus rodenti* n.sp. 1211*Tenorastrongylus josephi* n.sp. 5186***Musca*, *Parafilaria bovicola*** 329***M. conducens*, *Stephanofilaria kaeli*** 965***M. convexifrons*, *Thelazia rhodesii*** 3417***M. vetustissima*, *Heterotylenchus*** 646***Musculista arcuatula*, *Bucephalus*** 5084***Mustela altaica*, *Trichinella*** 5806***M. erminea****Crenosoma petrowi* 5605

helminths 5605

Insinuarotaenia spasski 5605*Strigea falconis* 664***M. itatsi***, helminths 5594***M. lutreola*, *Strigea falconis*** 664

Mustela contd.

- M. (Lutreola) vison*, helminths 5592
M. vison, *Diocotophyme renale* 5753
Mustelus californicus
 Eutetrarhynchus litocephalus n.sp. 164
 E. macrotrachelus n.sp. 164
 Mycoplasmas, in *Diclidophora merlangi* 676
Mycteroperca microlepis, *Neolepidapedon macrum* n.sp. 5676
Myliobatis californica, *Mecistobothrium myliobati* n.g., n.sp. 164
Myocastor coypus
 tetramisole 1519
 Trichuris myocastoris 1519
Myosaccium, synonymy 5677
M. opisthonemae, n.comb., for *Neogenolinea opisthonemae* 5678
Myotis, *Hymenolepis lasionycteridis* n.sp. 5683
M. myotis
 Molinostrongylus alatus 701
 Parahistiostrongylus viguerasi 65
 Plagiorchis vespertilionis 65
M. mystacinus
 Allintoschius dunni n.sp. 702
 Trichospirura 5163
Myst cavasius, *Astiotrema reniferum* 5137
Mytilaster, *Bucephalus marinus* 4890
Myxobolus carassii, & *Digramma interrupta*, in *Carassius auratus*, in USSR, synergism 675
Myzobdella, synonymy 4907
M. lugubris
 in *Ictalurus catus*, in USA (South Atlantic), life-cycle 983
 synonymy 4907
M. patzcuarensis, n.comb., for *Illinobdella patzcuarensis* 4907
Naja naja, *Proalarioides tropidonotis* 5667
N. oxiana, *Vigisospirura potekhini* 6095
Nandus nandus
 Neascus hoffmani n.sp. 1808
 Tetracotyle baughi n.sp. 1808
Nanophyetidae
 in *Campeloma*, host specificity, & geographical distribution 5332
 in *Juga*, host specificity, & geographical distribution 5332
Nanophyetus salmincola schikhobalowi, in man, in USSR (Far East), age & regional variation 3905
Nasitrema attenuata, in *Tursiops truncatus*, in Belgium, zoo 3979
Nasitrematidae, in *Tursiops truncatus*, case report 5615
Nassarius obsoletus
 Himastha quissetensis 1951, 3185, 4714
 Lepocreadium setiferoides 3185
Natrix, helminths 626, 1784

Natrix contd.

- N. natrix*
 Aplectana ivanitzkyi n.sp. 5178
 Ophiotaenia europaea 2910
N. piscator, *Acanthostomum busminis* 156
N. viperinus, *Leptophallus nigrovenosus* 1188
Neascus brevicaudatus, in freshwater fish, in USSR (Siberia), incidence 2349
N. hoffmani, n.sp., in *Nandus nandus*, in India 1808
N. komiyai, n.sp., in *Glossogobius giuris*, in India 1808
N. rhinichthysi, metacercariae, in *Rhinichthys atratulus*, in USA (South Atlantic), incidence 6115
Necator (see also Hookworm)
 in guinea-pig, repeated migration 2315
 in hamster, pathology of lung 4720
 in laboratory animals, pathology 1326
 larvae, technique for detecting, in faeces 5461
 in man
 levamisole 4792
 in Paraguay, incidence 4944
 in USSR (Azerbaijan), pyrantel pamoate 4278
 in USSR (Georgia)
 chemotherapy 6394
 levamisole 3816
 in mouse, pathology of lung 4720
 ova
 in faeces, development & survival 831
 in soil, development & survival 831
N. americanus
 acetylcholinesterase & allergen secretion *in vitro* 2464
 & *Ancylostoma tubaeforme*, ultrastructure of oesophageal glands, compared 2447
 in hamster, 4-isothiocyanato-4'-nitrodiphenylamine 5890
 larvae, ultrastructure of oesophageal glands 3543
 in man 2218
 in Bulgaria, bephenium hydroxynaphthoate plus santonin 3276
 in Cape Verde Islands, folic acid metabolism 277
 clinical pathology 2536
 general account 4424
 in India, age & seasonal variation 4788
 in Korea, chemotherapy 3256
 lymphocyte transformation 4686
 in Mauritius, chemotherapy 3264
 in Mexico 2213
 in Nigeria, serum antibodies 4788
 in Pagini, atopy conferring immunity 1237
 pathogenicity 1289

***Necator americanus* contd.**

- in man *contd.*
- pathology of intestine 1927
- site distribution 1983
- in USSR, chloroform 4829
- in Zaire, pathology of liver 1934
- secretions, measurements of antibodies 2533

Necrophorus investigator*, *Hymenolepis erinacei* 5638**Nectonema*, in Norway, morphology 3544**
Neidhartinae*, synonym of *Prosorhynchinae* 5136**Nemachilus*, *Diplostomum pusillum* 1815**
N. stoliczkae*, *Proteocephalus pamirensis* n.sp. 4594*Nematode allergens, in man, gastro-intestinal symptoms 1229****Nematode antigen, in *Pleuronectes platessa*, host response 2479****Nematode larvae**

- in *Aedes*, in USSR (European), in ova 1151
- in crustaceans, technique for assessing, infection 6448
- in *Ornithodoros batuensis*, in Malaysia 4549
- on pasture
 - in Bulgaria, incidence, & seasonal variation 5796
 - in German Federal Republic, control by calcium cyanamide 6358
 - in USA (South Atlantic), control by dung beetles 2051
 - in USSR (Azerbaijani), incidence & pasture quality 5795
- in soil
 - climate & incidence 308
 - longevity & migration 2634
 - technique for culturing 1555

Nematode larvae & ova

- in faeces, development 320
- on pasture, in Australia, ecology 4933

Nematode ova

- in soil
 - in metam-sodium 4868
 - in USA (North Atlantic) 2641

Nematodes

- in acipenserids, in Caspian Sea, incidence 2926
- in amphibians, in Czechoslovakia, morphology 4620
- in animals
 - chemotherapy 383
 - & man, (films) 5496
- in ant nests, ecology, & natural control 2626
- in bark beetles
 - pathogenicity 5693
 - in USA, survey 2179
- in beetles, mixed infections & hyperparasitism, discussed 4006

Nematodes contd.

- behaviour & indolealkylamines 1356
- biology, (book) 3345
- in birds
 - in Nepal, local survey 4604
 - in USSR (European), local survey, & taxonomy 196
 - in USSR (Far East), local survey 4518
 - in USSR (Siberia), local survey 625
 - in buffalo, in India 5107
 - in cat, in USA (North Atlantic), incidence 2641
- in cattle
 - in Australia, control 3870
 - in Belgium, control, & epizootiology 333
 - in Brazil (South East), host age & worm burden 580
 - crufomate 4255
 - diarrhoea 6048
 - economic loss & grazing management 4998
 - fenbendazole 363
 - general account, & control 5888
 - in Italy, levamisole 3734
 - in Mexico, chemotherapy 3775
 - in Mozambique, survey 2867
 - oxibendazole 2066
- in Poland
 - oxyclozanide plus tetramisole 5835
 - survey 5965
 - tetramisole hydrochloride 1471
- research report 2202
- in Taiwan, survey 934
- tetramisole hydrochloride 368
- in Uganda, chemotherapy 912
- in Cerambycidae, in USSR (Georgia) 3481
- in Charadriiformes, in Black Sea, listed 1094
- in *Chologaster cornuta*, in USA 5972
- cleavage pattern 2771
- in dog
 - Butea frondea* extract 2688
 - in Germany, fenbendazole 370
 - in India 5107
 - in USA (North Atlantic), incidence 2641
 - zoonoses 3403
- in domestic animals
 - chemotherapy 437
 - fenbendazole 438
- in equines, in Germany, zoo, chemotherapy 3281
- in *Equus przewalskii*, in USSR (Ukraine), age variation, & incidence 3918
- evidence of true coelome 1208
- evolution, discussed 5484
- in fish, in Indian Ocean, & Red Sea, listed 5179
- in fish-eating birds, in USSR (Far East), listed 1731

Nematodes *contd.*

- in fowl
 - Butea frondea* extract 2688
 - destonate-20 6393
 - tetramisole hydrochloride 938
 - in USSR (European), tetramisole 3249
 - in USSR (Moldavia), chemotherapy 669
- in fox, in Poland 1701
- in goat
 - control, general account 3221
 - in Cyprus 1680
 - in India 5107
 - longevity & migration of larvae in soil 2634
- in goose
 - chemotherapy 3298
 - in USSR (European), tetramisole 3249
- growth factor 5286
- in *Herpestes palustris* 5019
- histology 5509
- histology & micromorphology of intestine, reviewed 181
- in horse
 - cambendazole 4374
 - chemotherapy 2087
 - in Sweden 3920
- identification in tissue sections 709
- immunity, reviewed 5236
- in insects
 - (book) 3861
 - encapsulation, reviewed 4665
 - host hormone system & resistance, reviewed 4676
 - keys to families, & technique for culturing 3861
 - modes of parasitism, compared 1144
 - in Poland, survey 5973
- in Iridae, in USSR (Georgia) 3481
- in *Ips*, in USA (West South Central), incidence, & seasonal variation 5643
- keys to subclasses, orders & superfamilies 4058
- in *Larus canus*
 - in Norway
 - age & seasonal variation 5050
 - incidence, & seasonal variation 2323
- in *Leptinotarsa decemlineata*, biological control agents 5973
- locomotion 835
- in *Lygus rugulipennis*, in Poland, biological control agent 1754
- in man
 - chemotherapy 442
 - in Chile, local survey 2224
 - in Hawaii, exotic infections 2227
 - in Iran
 - chemotherapy 1455
 - reviewed 508
 - lung infection 4710
 - mebendazole 4320
 - obturator hernia 3378

Nematodes *contd.*

- in man *contd.*
 - in USSR (Georgia), control, & incident 1008
 - zoonoses 3403
 - 65-318 iodide 3255
- in marine animals, literature, reviewed 4908
- in *Meles meles anakuma*, in Japan, morphology 4046
- in *Metachirops opossum*, in French Guiana 182
- & microorganisms, transmission to man & plants 2964
- in mosquito 2380
 - biological control agent 2378-2379
 - biological control agents, reviewed 4535
- in moufflon, in Czechoslovakia, mebendazole 6409
- in mouse, immunity & thymus cells 1243
- in Muridae, incidence, & host ecology 3440
- in *Odocoileus virginianus*, in USA (East South Central), local survey 1669
- in oligochaetes, life-cycles classified 458
- in *Papio ursinus*, mebendazole 2680
- in pig
 - chemotherapy 2729, 4375
 - in Cuba, levamisole 2050
 - destonate-20 6393
 - fenbendazole 395, 4265
 - incidence in sucklings 3948
 - in India 5107
 - local survey, life-cycle, & control 2301
 - in Italy, incidence 3946
 - levamisole, parenteral 4293
 - mebendazole 4300
 - in Nigeria, climate & husbandry 6335
- in Poland
 - chemotherapy & soil contamination 4374
 - chemotherapy & weight gain 1470
 - dichlorvos 1464
 - incidence 5966
 - local survey 1064
 - survey 4374
 - tetramisole hydrochloride 1471
- (thesis) 5590
- trichlorphon 5971
- in USSR (Belorussia)
 - chemotherapy 4819
 - epizootiology 320
- in West Germany, incidence & clinical disorders 2300
- in Yugoslavia, age & seasonal variation 591
- in pigeon, tetramisole hydrochloride 938
- reproduction, reviewed 5768
- in rodents, in India, local survey 6080

Nematodes contd.

- in ruminants
 - chemotherapy 355
 - climate & epizootiology 339
 - in Poland, Rumiverm 2071
 - in Tunisia, new records (g. & h.) 5688
- sense organs, reviewed 5176
- in sheep
 - in Africa, distribution 3925
 - in Australia
 - control by grazing management 4933
 - disophenol 372
 - fenbendazole 899
 - in Belgium, & Tunisia, fauna compared 3925
 - in Brazil (South East), protein supplement & resistance 234
 - in Britain, grazing management 4844
 - Butea frondea* extract 2688
 - chemotherapy 3776
 - in Cyprus 1680
 - in Czechoslovakia, fenbendazole 2686
 - in Europe, distribution 3925
 - fenbendazole 395, 1478
 - in India 5107
 - in Italy, levamisole 3734
 - in Korea, local survey 2292
 - levamisole 2077
 - in Mexico
 - chemotherapy 3738
 - identification 3924
 - thiabendazole 3768
 - in Poland
 - chemotherapy 4270, 4834
 - local survey 5966
 - tetramisole hydrochloride 1458, 1471
 - research report 2202
 - technique for estimating, anthelmintic activity 440
 - tetramisole hydrochloride 368
 - p*-toluoyl chloride phenylhydrazine 367
 - in USSR, chemotherapy 2101
 - in USSR (Siberia), incidence 575
 - in shrew, tested 4559
 - in snails, in Niger, survey 112
 - in *Sorex*, in USSR (Far East), listed 3540
 - systematic position 1208
 - technique, for preparing, for electron microscopy 4882
 - technique for mounting 4071
 - technique for preparing, for scanning electron microscopy, compared 2742
 - technique for separating, larvae, from faeces 4882
 - in *Tipula*, in Britain, pathogenicity 4534
 - & trematodes, in animals, chemotherapy 436

Nematodes contd.

- in turtle, in USA (West South Central), incidence, & new records (h.) 5626
- ultrastructure of sperm, & zygote formation 6197
- in vertebrates, in India, new records (g. & h.) 5108

Nematodes, gastro-intestinal

- in camel, in India, pyrantel tartrate 2656
- in *Capreolus capreolus*, in Italy, local survey 1682
- in cattle
 - in Argentina
 - incidence 1664
 - levamisole 890
 - in Belgium 1678
 - in Brazil (South), control 5361
 - in Britain, chemotherapy, & control by grazing management 2708
 - chemotherapy 2666, 3789, 6437
 - fenbendazole 5448
 - in Japan
 - local survey 4992
 - tetramisole 2732
 - in Madagascar, general account 485
 - milk yield & thiabendazole 3713
 - in New Zealand
 - control 5519
 - thiabendazole & live weight gain 2705
 - pathogenicity 5761
 - in Philippines 5586
 - in Poland, chemotherapy 2115
 - reviewed 5814
 - in USA (East North Central), milk production & worm burden 1936, 4456
 - in USA (South Atlantic), control by dung beetles 2051
 - in USA (West South Central), weight gain & anthelmintic treatment 5766
 - in West Germany, coumaphos 3339
- in domestic animals
 - antibodies to acetylcholinesterase 6254
 - in Britain, parbendazole 3747
- & *Fasciola hepatica*, in sheep, mebendazole 898
- in goat
 - in India, pyrantel tartrate 2656
 - & sheep, in Australia, worm burden, compared 4994
- in horse
 - in Brazil, mebendazole 429
 - methyl 5 (6)-phenylsulphonyl-2-benzimidazolecarbamate 2031
 - parbendazole 4322
 - in USA, piperazine plus thiabendazole 5847
- in mammals, parbendazole 353

Nematodes, gastro-intestinal *contd.*

- in man
 - in Brazil, immunoglobulins & malnutrition 5228
 - in Zaire, mebendazole 901
- in pig
 - in France, incidence & faecal egg output 6056
 - in Germany, chemotherapy, & incidence 4370
 - in Poland 5965
 - thiabendazole 2116
 - in USSR, soil disinfection with metam-sodium 4868
 - in USSR (Ukraine), chemotherapy 1510
- in ruminants, in Iran 578
- in sheep
 - in Argentina, thiophanate 2719
 - chemotherapy 1444, 2666, 3789, 5432, 6381
 - control 4375
 - in Egypt, differentiation of infective larvae 1551
 - fenbendazole 396
 - in Hungary, mebendazole 2735
 - in India
 - chemotherapy 5415
 - pyrantel tartrate 2656
 - levamisole, cutaneous application 4842
 - levamisole phosphate, injection 3227
 - mebendazole 387
 - in Mexico, chemotherapy 3774
 - morantel tartrate 4374
 - in New Zealand, control 5519
 - in Poland, chemotherapy 376, 2115, 5877
 - reviewed 5814
 - in Spain, ecology, & epizootiology 5002
 - tetramisole hydrochloride 4374
 - p*-toluoyl chloride phenylhydrazone 6369
 - in USA (East North Central)
 - control by pasture rotation 2704
 - fenbendazole 2074
 - in USA (Mountain), chemotherapy 6352
 - in Venezuela, chemotherapy 4287

Nematodes, intestinal

- oxantel plus pyrantel pamoate 2714
- in pig, in USSR (Lithuania), tetramisole 3263

Nematodirus

- in cattle
 - in Australia, pathogenicity 3870
 - in USSR (Belorussia), age & seasonal variation 4461
 - in USSR (European), incidence 1040
- in goat
 - haematology 5248

Nematodirus *contd.*

- in goat *contd.*
 - in USSR (Kirgizia), chemotherapy 6400
 - in USSR (Uzbekistan)
 - acquired immunity, & age variation 2299
 - incidence, & age variation 2872
- in sheep
 - allergenicity 3085
 - in Britain
 - advisory leaflet 6357
 - diarrhoeic syndrome 5276
 - in Bulgaria
 - chemotherapy, & pathogenicity 3299
 - tetramisole 5459
 - thiabendazole 5459
 - haematology 5248
 - pathogenicity 1328
 - in USSR
 - age & seasonal variation 2877
 - chemotherapy 1497
 - in USSR (Belorussia), age & seasonal variation 4462
 - species listed 704
- N. aspinosus**, in *Ochotona rufescens*, in USSR (Turkmenia), new record (h.) 1078
- N. battus**
 - in sheep
 - in Britain
 - control by alternate grazing, & epizootiology 1998
 - incidence forecast by meteorology 339
 - crystals & immune response 2506
 - intestinal crystals & host immunity 4107
 - in Italy 1675
 - new record (g.) 1676
- N. davtianus alpinus**, n.subsp., in *Capra ibex*, & *Rupicapra rupicapra*, in Italy 1830
- N. filicollis**
 - larvae & ova, on pasture, in Britain, development & survival 3669
 - in sheep
 - in Britain, control by alternate grazing, & epizootiology 1998
 - in Netherlands, epizootiology 3689
- N. helveticus**
 - in cattle, immunity 4936
 - in *Ovibos moschatus*, in Canada, new record (h.) 585
- N. oiratianus**, in rabbit, development 57
- N. roscidus**, in *Sika nippon*, in Czechoslovakia, new record (g. & h.) 1672
- N. spathiger**, in sheep, in Bulgaria, fenbendazole 5458

Nematology, (text-book) 1588

Nematoparataenia southwelli, in *Cygnus olor*, in USSR (Lithuania) 77

Nematospiroides dubius

- development & temperature 3656
- hatching & temperature 3656
- hormones & development 2591
- larvae & ova, technique for separating, from faeces 5462
- in mouse
 - conferring resistance to *Nippostrongylus brasiliensis* 6213
 - fenbendazole 2695
 - haematology & whole-body irradiation 1904
 - infectivity & space flight 5300
 - oral immunization & immunosuppression 6233
 - suppressing heterologous antibodies 1876
- nervous control of behaviour 2623
- & *Nippostrongylus brasiliensis*, in mouse, cross antigenicity & viability 2489
- in *Peromyscus maniculatus*, native resistance 5205
- in rat
 - fenbendazole 2695
 - host intestinal amino acid absorption 3151
 - intestinal absorption of hexoses 785
 - resistance & sex hormones 1242

***Nematotaeniidea*, n.ordo 2200**

Nemipterus japonicus, helminths 3461

Neoapectana

- & *Achromobacter*, in insects, symbiosis 1144
- in *Heteronychus arator*, in New Zealand, local survey 5647
- in insects
 - in USSR
 - biological control agent 2371
 - listed, & reviewed 654
- in *Scolytus scolytus*, pathogenicity 5642
- technique for culturing 1144
- technique for describing 205

N. bibionis, in *Melolontha*, biological control agent 4932

N. carpocapsae (see also DD-136)

- & *Achromobacter nematophilus* in *Galleria mellonella* 6458
- host reaction 4735
- in *Leptinotarsa decemlineata*, host reaction 4735
- in *Aedes aegypti*, encapsulation 5187 (agrios strain)
- in *Agriotes lineatus*, pathogenicity 4536
- in *Selatosomus aeneus*, pathogenicity 4536
- in *Agrotis ipsolon*, biological control agent 5645
- & *Beauveria bassiana*, in *Leptinotarsa decemlineata*, host response 1146

***Neoapectana carpocapsae* contd.**

- in *Galleria mellonella*, penetration of adult via tracheae 6142
- in vitro, mass culture 6458
- in *Leptinotarsa decemlineata*, cellular reaction 1856
- & *Paecilomyces farinosus*, in *Leptinotarsa decemlineata*, host response 1146
- in *Phryganidia californica*, penetration of adult via tracheae 6142
- & *Reesimermis nielsenii*, in *Aedes aegypti*, melanotic encapsulation 1753
- in *Spodoptera frugiperda*, in Colombia, biological control agent 3487
- storage in water 6444
- technique for culturing 3487
- N. carpocapsae agrios***, in *Melolontha*, biological control agent 4932
- N. semiothisae***, n.sp., in *Semiothisa pumila*, in USSR (Arctic) 5185
- Neoscaris***, in *Bos grunniens*, in Poland, zoo 4375
- N. vitulorum***
 - in buffalo
 - in Egypt, survey 1052
 - in USSR (Far East), incidence 3411
 - in cattle, in USSR (Far East), incidence 3411
 - in guinea-pig
 - pathology 6271
 - pathophysiology 5755
- Neobenedenia girellae***, in *Pimelometopon pulchrum*, in USA (Pacific), new record (h.) 146
- N. vermiculariacola***, n.sp., in *Siganus vermicularis*, in India 4035
- Neocamallanus apapillata***, n.sp., in *Channa striatus*, in India 192
- N. atridentus***, synonymy 6204
- N. bengalensis***, synonym of *Neocamallanus atridentus* 6204
- Neocephalobus judithae***, n.comb., for *Panagrolaimus judithae* 2179
- Neoctenotaenia ctenoides***, n.g., n.comb., for *Ctenotaenia ctenoides* 6185
- N. praecoquis***, n.comb., for *Ctenotaenia praecoquis* 6185
- N. quadrata***, n.comb., for *Ctenotaenia quadrata* 6185
- N. variabilis***, n.comb., for *Ctenotaenia variabilis* 6185
- N. wittei***, n.comb., for *Cittotaenia wittei* 6185
- Neodeuteroberis pritchardae***, n.g., n.sp., in *Podocnemis lewyana*, in Colombia 6166
- Neodiplogaster magulum***, n.sp., in *Dendroctonus terebrans*, in USA 2185
- Neodiplostomum***, in *Rattus muelleri*, in Malaysia, new record (g.) 4487

- Neodiplostomum* contd.
N. (Neodiplostomum) spathoides prudhoei, n.subsp., in *Accipiter francesii*, *Asio capensis hova*, & *Tyto alba affinis*, in Madagascar 4043
N. spathoides, synonymy 2405
N. spathoides prudhoei, n.subsp., in *Accipiter francesii*, *Asio capensis hova*, & *Tyto alba affinis*, in Madagascar 4043
N. spathula, in *Falco mexicanus*, in USA (Mountain), new record (h.) 615
N. tytense, synonym of *Neodiplostomum spathoides* 2405
Neoditylenchus, in USA, key to spp. 2191
N. corniculatus, n.sp., in *Scolytus ventralis*, in USA 2186
N. dendroctoni, n.sp., in *Dendroctonus frontalis*, in USA 2186
N. glandarius, n.sp., in *Dendroctonus brevicomis*, in USA 2186
N. ovariis, n.sp., in *Dendroctonus adjunctus*, in USA 2186
Neoechinorhynchus rutili
in *Fundulus heteroclitus*, in Canada, new record (h.) 1738
in *Ictalurus punctatus*, in USA (East North Central), new record (h.) 3990
in vitro, carbon tetrachloride 3805
in *Pungitius pungitius*, in Canada 3992
Neofelis nebulosa, *Paragonimus westermani* 3433
Neogenolinea, synonym of *Myosaccium* 5677
N. opisthonemae, to *Myosaccium opisthonemae*, n.comb. 5678
Neogogatea, validated 2971
Neogrubea soni, n.sp., [not described], in *Stromateus maculatus*, in Atlantic 5632
N. stomatae, n.sp., in fish, in Antarctica, & South Atlantic 5670
Neogryporhynchus lasiopeius, Mettrick, 1967 nec Baer & Bona, 1960, to *Valipora atriospinosa*, n.sp. 3338
Neolebouria antarcticus, n.g., n.comb., for *Plagioporus antarcticus* 5671
N. georgiensis, n.sp., in fish, in Antarctica, & South Atlantic 5671
Neolepidapedon histiopteri, n.sp., in *Paristiopterus gallipavo*, & *Zanclistius elevatus*, in Australia 6172
N. macrum, n.sp., in *Mycteroperca microlepis*, in USA (South Atlantic) 5676
Neomacheilus inglisi, *Rhabdochona minima* n.sp. 5691
Neomesomermis flumenalis
in *Prosimulium fuscum/mixtum*, in Canada, bionomics 3478
in *Prosimulium mixtum/fuscum*, sex ratio & worm burden 644
Neomesomermis flumenalis contd.
in *Simulium venustum*
in Canada, bionomics 3478
sex ratio & worm burden 644
Neomicrocotyle carangis, n.sp., in *Chorinemus melampyguis*, in India 3517
N. indica, morphology of clamps 5663
Neonema ctenophthalmi, synonym of *Heterotylenchus pawlowskyi* 1132
Neoparasitylenchus amvlocercus, n.sp., in *Conophthorus monophyllae*, in USA (Pacific) 5693
Neopecoelus, synonym of *Pseudopecoelus* 5677
N. holocentri, to *Apertile holocentri*, n.comb. 5677
N. scorpaenae, to *Pseudopecoelus scorpaenae*, n.comb. 5678
Neophasis, taxonomy, discussed 4076
N. lageniformis, validated 4076
N. oculatum, validated 4076
N. pusilla, validated 4076
Neopisthorchis, synonym of *Xenopharynx* 2976
Neopodocotyle balliaensis, n.sp., in *Labeo calbasu*, in India 2416
N. dayali, n.sp., in *Puntius sarana*, in India 2416
N. lucknowensis
in *Barbus sarana*, in India, redescribed 4570
to *Puntiotrema lucknowensis*, n.g., n.comb. 4570
Neopronocephalus kachugai, synonym of *Neopronocephalus triangularis* 2976
N. ovocaudatum, synonym of *Neopronocephalus triangularis* 2976
N. spinometraermis, n.sp., in *Kachuga tectum tentoria*, in India 5134
N. triangularis, synonymy 2976
Neoprosorhynchinae, synonym of *Prosorhynchinae* 5136
Neosomermis flumenalis, in *Simulium vittatum*, laboratory transmission 3490
Neosphaeroma oregonensis, *Levinsemiella acanthophalla* 119
Neoxysomatium brevicaudatum, in *Rana graeca*, in Yugoslavia 1106
Nepal
Ascaridia nepalensis n.sp. 4604
Brevistriata nepalensis n.sp. 185
Capillaria exilis 6087
C. ovopunctata 6087
capillariids 6087
cestodes, in birds 4604
Diplotriaeana chandragirensis n.sp. 5181
Heligmonella dremomysi n.sp. 185
hydatid 524
MurIELus abei n.sp. 184
nematodes, in birds 4604
Ohbayashinema ochotoni n.g., n.sp. 183
Rhabdochona minima n.sp. 5691

Nepal contd.

- Syphacia* (*Syphatineria*) *funambuli* 1840
Thominx rigidula 6087
Wuchereria bancrofti 1409

Nephrotrema truncatum, cercariae, chaetotaxy & taxonomy 6163***Nereis diversicolor***, *Cucullanellus minutus* 3482***Nesotragus moschatus***, helminths 2290**Netherlands**

- Ascaris lumbricoides* 4407
Asymphylogora tincae 2148
 cestodes, in domestic animals 4291
Cotylurus (*Cotylurus*) *strigeoides* 3518
Fasciola 4295
Haemonchus contortus 2005
 helminths
 in *Anas platyrhynchos* 6090
 in domestic & laboratory animals 4555
 in man 3552
 in *Okapia johnstonii* 5424
 hydatid 1653
Nematodirus filicollis 3689
Onchocerca cervicalis 5567
Schistogonimus rarus 6456
Strongyloides westeri 2150
Trichinella spiralis 3331, 3950
 trichostrongylids 846
Trichuris trichiura 4407

New Guinea

- Fuhrmannodes talboti* n.sp. 1819
Hymenolepis diminuta 1819
Proteocephalus niuginii n.sp. 1819
Syphacia obvelata 1819
Toxocara mackerrasae 1819
Wallabicestus swersi n.g., n.sp. 1819
Wuchereria bancrofti 6321

New Zealand

- Ancylostoma caninum* 1069, 6336
Ascarophis cooperi 94
Capillaria erinacei 4473
C. tasmanica 94
Contracaecum tasmaniense 94
Cyrtina apterygii n.sp. 2992
Derogenes macrostoma 94
Dictyocaulus viviparus 4997
 digeneans, in *Potamopyrgus antipodorum* 5752
Echinococcus granulosus 321, 2804
Echinophallus seriollellae n.sp. 6172
Echinorhynchus gadi 94
Elaphostrongylus cervi 4996-4997
Fasciola hepatica 5340
 gastro-intestinal nematodes
 in cattle 2705, 5519
 in sheep 5519
Globocephalus urosubulatus 1780
Haemonchus contortus 1002
 helminths
 in cattle 2785, 5369
 in domestic animals 2204
 in *Macruronus novaezelandiae* 94

New Zealand contd.

- helminths contd.
 in man 2834
 in sheep 2785, 5369
Heterakis gracilicauda n.sp. 2992
 hydatid 321, 1461, 2219, 2804
Labiostrongylus 1780
Lecithochirium 5091
Mazoplectes ineptus n.g., n.sp. 4038
Neoplectana 5647
Ollulanus tricuspis 1780
Parahemius 152
P. arripidis n.sp. 152
Parascaris equorum 4977
 parasites
 in man 5527
 in sheep 5587
Taenia hydatigena 1461
T. ovis 1461
 trichostrongylids 1002, 5519

Nicolla gallica

- in *Cottus gobio*, in Britain, ecology & seasonal variation 2632
 in *Noemacheilus barbatulus*, in Britain, ecology & seasonal variation 2632

N. halichoeri, n.sp., in *Halichoeres bivittatus*, & *Halichoeres radiatus*, in USA (South Atlantic) 5677***Nicollina antechini***, n.sp., in *Antechinus stuartii*, in Australia 180**Niger**

- Cooperia pectinata* 1408
C. punctata 1408
Fasciola gigantica 112
 helminths, in cattle 2790
 nematodes in snails 112
 paramphistomes 112
Schistosoma mansoni 112
 trematodes
 in animals 2935
 in man 2935

Nigeria

- Cysticercus bovis* 4455
Dracunculus medinensis 424, 897, 2833
Fasciola gigantica 1039
 filariids 2209
Haemonchus 6348
H. contortus 3788
 helminths
 in amphibians 6144
 in cattle 3408
 in goat 3409
 in man 1287
 in reptiles 6144
 in sheep 3409
 hookworm 3382
Loa loa 19
 microfilariae 2310
Necator americanus 4788
 nematodes, in pig 6335
Onchocerca 2842, 3202
O. armillata 3635

Nigeria contd.*Onchocerca* contd.*O. volvulus* 1025, 6214*Paragonimus uterobilateralis* 2207, 3699, 4448*Paramphistomum cervi* 1039*P. microbothrium* 3937*Schistosoma* 1606, 3382*S. haematobium* 2958, 3202, 6149

trichostrongylids 6348

Trichuris muris 5549***Nippostrongylus***, technique for preparing, for scanning electron microscopy 4876***N. brasiliensis***acetylcholinesterase & allergen secretion *in vitro* 2464

ageing & carbohydrate metabolism 6315

antibodies & expulsion 2502

in hamster, passage, & gland secretions 4667

in vitro, development & actinomycin D 6290

levamisole, mode of action 3235

in mouse

ammonium salts of phosphonic & phosphinic acids 4305

antibodies 5232

benzimidazole derivatives 5839

chemotherapy 2040, 5893

IgE potentiation 1248

immune response of congenitally

athymic hosts 1853

laboratory model 1879

Nematospiroides dubius conferring resistance 6213

organic phosphorus compounds 4855

trichlorphon 4856

& *Nematospiroides dubius*, in mouse, cross antigenicity & viability 2489

nervous control of behaviour 2623

in rat

acetylcholinesterase activity & host immunity 4117

age & expulsion 3074

carrier effect on antihapten IgE

antibody response 3063

humoral & cell mediated immunity & expulsion 6248

IgE cells 5209

IgE & IgGa antibody formation 4657

immunity 5963

immunity & site distribution 4645

immunization 5723, 5727

immunization by ES antigens 5726

intestinal antibody 5725

laboratory model 1879

lipid & iron absorption 1337

mast cell reaction 2487

mast cell response 1245

pathology of intestine 4165

phospholipase & eosinophilia 3084

sensitization & self cure 6249

***Nippostrongylus brasiliensis* contd.**

in rat contd.

technique for counting 2137

thoracic duct immunoblasts 2501

transmission via milk 5819

vaccination 742

in *Rattus norvegicus*, larval migration 6460

secretions, measurements of antibodies 2533

& *Strongyloides ratti*, in rat, cross-immunity 1244

2-substituted benzimidazoles 4864

& *Trichinella spiralis*, in rat, cross immunity 4102

ultrastructure of cuticle formation 4197

Nitocris dilatatus, *Allopodocotyle lepomis* 154***Nocomis asper***, *Acanthocephalus tahlequahensis* n.sp. 6190***N. micropogon****Dactylogyrus cernyi* n.sp. 679*D. lachneri* 679*D. micropogoni* n.sp. 679*D. reciprocus* 680***Noemacheilus barbatulus****Nicolla gallica* 2632*Pomphorhynchus laevis* 2632*Triaenophorus nodulosus* 2632**Nomenclature**

helminth diseases 3015

international rules, discussed 6208

Trichinella 698**North America**

anisakids 4951

Camallanus oxycephalus 2021, 5473*Cyathocephalus truncatus* 5635*Cystidicola stigmata* 5635helminths, in *Salvelinus alpinus* 5635

Hirudinea 2201

mermithids 6203

Oxyspirura petrowi 1728

parasites, in freshwater fish 766

Tetraonchus alaskensis 5635**North Sea***Anisakis* 4934*Grillotia erinaceus* 6108*Renicola* 633**Norway**

anisakids 1109–1111

Ascaridoidea 2324

Cyathostoma lari 5050*Cysticercus tenuicollis* 6039

helminths

in *Lagopus lagopus* 2329in *Ovibos moschatus* 585

in rodents 5613

Leucochloridium 1564*Nectonema* 3544nematodes, in *Larus canus* 2323, 5050parasites, in *Lagopus lagopus* 3449*Stegophorus stellaepolaris* 5050

Norway contd.

- Strongyloides turkmenica* 5050
Syngamus trachea 624
Syphacia petrusewiczii 5613
 trichostrongylids 2650
- Nosema diplostomi*, in *Diplostomum*,
 hyperparasitism 3513
- Nothotylenchus compactus*, n.sp., in
Phloeosinus neomexicanus, in USA
 2187
- N. parasimilis*, n.sp., in *Ips grandicollis*, in
 USA 2187
- N. petilus*, n.sp., in *Dendroctonus terebrans*,
 in USA 2187
- Notocotylids**, in Anseriformes, in USSR
 (Siberia) 1087
- Notocotylus*, life-history, & taxonomy,
 reviewed 5477
- N. attenuatus*, electrophoresis & species
 validity 5789
- N. chionis*, in *Bithynia leachi*, in USSR
 (Kazakhstan), overwintering 3666
- N. ephemera*, electrophoresis & species
 validity 5789
- N. imbricatus*, electrophoresis & species
 validity 5789
- N. urbanensis*, ultrastructure of ventral
 papillae 5119
- N. zduni*, electrophoresis & species validity
 5789
- Notophthalmus viridescens**
Bothriocephalus rarus 6099
Capillaria tenua 6099
- Notorhynchus maculatus*, *Branchellion*
lobata 3842
- Notothenia macrocephala*, *Pseudobunocotyla*
nototheniae n.sp. 5673
- Notropis atherinoides*, *Gyrodactylus*
parvicirrus n.sp. 141
- N. atrapiculus*, *Gyrodactylus lythruri* n.sp.
 141
- N. bellus bellus*, *Gyrodactylus lythruri* n.sp.
 141
- N. cornutus**
Dactylogyrus dubius 679
D. luxili 679
Illinobdella moorei 4906
- N. heterolepis*, *Dactylogyrus heterolepis*
 n.sp. 679
- N. pilsbryi*, *Acanthocephalus tahlequahensis*
 n.sp. 6190
- N. rubellus*, *Dactylogyrus rubellus* 680
- Nuitrema strigeiformis*, n.g., n.sp., in
Histiophorus orientalis, in Pacific 6173
- Nuitrematidae**, n.fam. 6173
- Numida**
Ascaridia 649
 helminths 620
Heterakis 649, 769
- N. meleagris*, *Capillaria perforans* 1213
- Nybelinia anthicosum***
 n.sp.
 in *Heterodontus francisci*
 & *Triakis semifasciata*
 in Mexico 164
 in USA (Pacific) 164
- N. basimegacantha*, n.sp., in *Parupeneus*
multifasciatus, in Hawaii 5141
- N. surmenicola*, in *Lamna ditropis*, in Bering
 Sea, morphology 2433
- Nyctalus lasiopterus*, *Molinostrongylus*
aelleni n.sp. 701
- N. noctula***
 helminths 5618
Molinostrongylus skrjabini 701
- Nyctereutes procyonoides***
Concinnum ten 5025
 helminths 5032
Strigea falconis 664
 trematodes 2307
- Nycteridostongylus (Petiellus) petersi***, in
Tupaia, in Borneo, & Malaysia,
 phylogeny 699
- N. (Petiellus) petersi***, n.subg., n.sp., in
Tupaia glis, in Borneo 188
- Nycticebus coucang***
Spirura aurangabadensis 5180
S. malayensis n.sp. 5180
- Obeliscoides cuniculi***, in rabbit,
 immunization & inhibited larval
 development 6229
- Obituary**
 Baer, J.G. 2784, 3847, 4358, 6481-6482
 Caballero y Caballero, D.E. 4354
 Dawes, Ben 3845
 Kadenatsii, A.N. 5489
 Kozar, Z. 1586
 Kreis, H.A. 3328
 Sadun, E.H. 2164, 2781
 Shults, R.S. 5490, 5495
 Stefański, W. 475.
 3327.
 5948
- Ocadia sinensis***
Dolichosaccus schmidtii n.sp. 2406
Paradenogaster selfi n.g., n.sp. 2406
- Ochotona macrotis***, *Ohbayashinema*
ochotoni n.g., n.sp. 183
- O. princeps***, *Eugenuris utahensis* n.sp.
 4062
- O. roylei***, *Murielus abei* n.sp. 184
- O. rufescens***
Cephalurus chabaudi 1078
 helminths 1078
Hydatigera krepgorski 1078
Nematodirus aspinosus 1078
Oxyurata 1078
Schizorchis altaica 1078
Trichocephalus 1078
- Octodon degus***
Aprostotandrya octodonensis n.sp. 3014
Graphidioides taglei n.sp. 3014

- Octodon degus* contd.**
 helminths 3014
Longistriata degusi n.sp. 3014
Octodontoxys gigantea n.g., n.sp. 3008
Trichuris bradleyi n.sp. 4603
- Octodontoxys gigantea*, n.g., n.sp., in**
Octodon degus, in Chile 3008
- Octomyomermis muspratti*, n.comb., for**
Reesimermis muspratti 6203
- Octopus briareus*, *Stephanochasmus* 5091**
***O. maorum*, *Lecithochirium* 5091**
Ocyurus chrysurus*, *Hamacreadium
***confusum* n.sp. 5676**
- Odagmia variegata***
Gastromermis tschubarevae n.sp. 491
Mesomermis caucasica n.sp. 488
- Odeningotrema ratti*, n.sp., in *Rattus rattus*,**
 in Taiwan 1797
- Odhneria***
 in *Larus argentatus*, life-history 6467
 in *Palaemonetes vulgaris*
 in USA, life-cycle 4344
 in USA (North Atlantic) 6467
- Odobenus rosmarus***
 helminths 3977
Trichinella spiralis 5046
- Odocoileus hemionus columbianus*, *Fasciola***
***hepatica* 583**
- O. virginianus***
Fasciola hepatica 4985
Fascioloides magna 4985–4986, 6332
 nematodes 1669
Oesophagostomum 5161
- Odonata**
Pleurogenoides medians 3493
Prostotocus confusus 1138
- Odontobius ceti*, in *Balaenoptera borealis*,**
 new record (h.) 2898
- Oesophagostomum***
 in *Macaca mulatta*
 complicating measles 4965
 in India 2215
 in USA, disseminated nodular lesions
 3615
 in man, in Africa, literature review 1615
 in *Odocoileus virginianus*, in USA,
 comparative morphology 5161
 ova, in soil, in USSR (European), metam-
 sodium 5908
 in pig
 cambendazole 3803, 4818, 4847, 5853
 chemotherapy 4274, 6391
 cholinesterase activity & anaphylactic
 shock 1299
 faecal enzymes 1322
 fenbendazole 2696
 food absorption 1313
 host intestinal microflora 260
 pathology 259, 3129
 piperazine hexahydrate 4825
 in USSR, hygromycin B 5864
- Oesophagostomum* contd.**
 in pig contd.
 in USSR (Belorussia), hygromycin B
 4867
 in USSR (Far East), incidence 5589
 in USSR (Ukraine), age variation, &
 prophylaxis 6055
 in sheep, in USSR (Moldavia), seasonal
 variation 859
- O. acreatum*, scanning electron microscopy**
 3005
- O. cervi*, synonym of *Oesophagostomum***
***venulosum* 5161**
- O. columbianum***
 in cattle, hyaluronidase activity 1373
 in pig, hyaluronidase activity 1373
 in sheep
 hyaluronidase activity 1373
 in India, age & seasonal variation 40
 percutaneous transmission 4988
- O. (Conoweberia) selfi*, n.sp., in *Rattus***
***coxinga coxinga*, in Taiwan 3011**
- O. dentatum***
 in cattle, hyaluronidase activity 1373
 in vitro, technique for culturing 1576
 in pig
 in France, morphology & validity,
 discussed 4070
 hyaluronidase activity 1373
 levamisole hydrochloride 422
 weight gain 4375
 scanning electron microscopy 3004
 in sheep, hyaluronidase activity 1373
- O. granatensis*, in pig, in France,**
 morphology & validity, discussed 4070
- O. (Proteracrum) synceri*, n.sp., in buffalo,**
 in Central African Republic, & Chad
 2203
- O. quadrispinulatum*, in pig, in France,**
 morphology & validity, discussed 4070
- O. radiatum***
 in cattle
 age resistance 5192
 defibrination syndrome 1897
 hyaluronidase activity 1373
 percutaneous transmission 4988
 in pig, hyaluronidase activity 1373
 in sheep, hyaluronidase activity 1373
- O. selfi*, n.sp., in *Rattus coxinga coxinga*, in**
 Taiwan 3011
- O. stephanostomum*, in man, in Ivory Coast,**
 case report 1615
- O. synceri*, n.sp., in buffalo, in Central**
African Republic, & Chad 2203
- O. venulosum***
 in *Capreolus capreolus capreolus*, in
 USSR (Azerbaidzhan), new record (h.)
 6031
 synonymy 5161
- Ogmocotyle ratti*, n.sp., in *Rattus***
***culturatus*, in Taiwan 1797**

- Ogmogaster antarcticus*, in *Balaenoptera borealis*, new record (h.) 2898
- Ohbayashinema dubinini*, n.comb., for *Heligmosomum dubinini* 183
- O. ochotoni*, n.g., n.sp., in *Ochotona macrotis*, in Nepal 183
- Okapia johnstonii*
phenothiazine 5424
piperazine 5424
- Okhotsk Sea**
helminths
in *Erignathus barbatus nauticus* 1083
in *Phoca vitulina largha* 2896
in seal 62, 2897
- Oligochaetes**
Aploparaksis 5140
caryophyllaeids 4009
cestodes 458
helminths 964, 2362, 3830, 3854
nematodes 458
Raphidascaris acus 650
- Olivacreadium heterorchis*, n.sp., in *Lutjanus johnii*, in Pakistan 4572
- O. phyllorchis*, n.g., n.sp., in *Pomadasy olivaceum*, in Pakistan 4572
- Ollulanus tricuspis*
in cat, in New Zealand 1780
morphology of spicule 6064
- Ommatobrephus*, diagnosis emended 1192
- O. bengalensis*, synonym of *Ommatobrephus singulare* 1192
- O. chauhani*, synonym of *Ommatobrephus singulare* 1192
- O. lali*, synonym of *Ommatobrephus singulare* 1192
- O. lobatum*, synonym of *Ommatobrephus singulare* 1192
- O. lobatum najii*, synonym of *Ommatobrephus singulare* 1192
- O. madagaskariense*, synonym of *Ommatobrephus singulare* 1192
- O. megacetabulus*, synonym of *Ommatobrephus singulare* 1192
- O. naja*, synonym of *Ommatobrephus singulare* 1192
- O. nicolli*, synonym of *Ommatobrephus singulare* 1192
- O. piscator*, synonym of *Ommatobrephus singulare* 1192
- O. piscatori*, synonym of *Ommatobrephus singulare* 1192
- O. prosechorchis*, synonym of *Ommatobrephus singulare* 1192
- O. pulmonicola*, synonym of *Ommatobrephus singulare* 1192
- O. singulare*
in *Ptyas mucosus*, in India, redescribed, & synonymy 1192
in *Tropidonotus piscator*, in India, redescribed, & synonymy 1192
in *Uromastix hardwickii*, in India, redescribed, & synonymy 1192
- Ompok bimaculatus*, *Tetracotyle tandoni* n.sp. 1808
- Onchobothrium uncinatum*, spermatogenesis 2770
- Onchocerca**
antigen preparation 6215
in cattle
diagnosis, & skin microfilaria density 579
in USSR (Siberia), distribution & incidence 35
control of vectors 4822
in man
in Africa, & America, clinical aspects, compared 5542
antibodies in aqueous humour 3606
blindness, general account 4403
control of intermediary 6428
in Ghana
blindness 5536
epidemiology & Volta dam 2011
general account 5528
in Liberia, serodiagnosis 2513
in Mali, diethylcarbamazine 5882
in Nigeria
diagnosis 2842
epidemiology & water resource developments 3202
research reviewed 2
in Upper Volta, control, general account 4863
in West Africa, control programme 1456
in *Rangifer tarandus*, in Sweden, histopathology 4733
- O. armillata**
in cattle, in Nigeria, pathology of aorta 3635
microfilariae
in cattle, distribution 1979
in rat, distribution 1979
redescribed 5160
- O. cervicalis**
in horse
in Mexico, localization in eye 3407
in Netherlands, survey 5567
redescribed 5160
- O. flexuosa**
in *Cervus elaphus*
in Germany, distribution of microfilariae in skin 1051
nodule development, & reproduction 2761
- O. garmsi*, in *Cervus elaphus*, distribution of microfilariae in skin 5582
- O. gutturosa**
in cattle
compound E 4810
in Denmark, distribution of microfilariae, & new record (g.) 1046
in USSR (European), pathology 792

***Onchocerca gutturosa* contd.**

- in cattle *contd.*
 - in USSR (Uzbekistan), chemotherapy 5850
- redescribed 5160
- in *Simulium ornatum*, in Denmark, transmission 1046

O. lienalis

- in cattle
 - in USSR (European), pathology 792
 - in USSR (Uzbekistan), chemotherapy 5850

O. reticulata*, redescribed 5160**O. tarsicola*, in *Cervus elaphus*, in Germany, distribution of microfilariae in skin 1051*****O. tubingensis*, in *Cervus elaphus*, in Germany, distribution of microfilariae in skin 1051*****O. volvulus***

- & *Dipetalonema streptocerca*, in man, technique for differentiating 4331
- in laboratory animals, in Cameroon, research reviewed 663
- in man
 - in Africa, general account 2807
 - in Brazil, local survey 6342
 - in Cameroon
 - antigenic diversity 6214
 - diagnosis, & daytime variation 26
 - diethylcarbamazine citrate & vertigo 5843
 - eye lesions & head nodules 5746
 - research reviewed 663
 - seasonal variation of microfilariae, in skin 3186
 - chemotherapy & fate of microfilariae 5842
 - diagnosis by ELISA 3578
 - diethylcarbamazine citrate, & ocular disease 5359
 - enzyme-linked immunosorbent assay 1224
 - in Guatemala, diethylcarbamazine & detection of microfilariae 5845
 - immunity 740
 - in Kenya, reviewed 1623
 - in Liberia
 - incidence 1011
 - incidence of blindness 3127
 - in Mali
 - diagnosis by angiography 774
 - diethylcarbamazine 2720
 - microfilaruria 3167
 - in Nigeria
 - antigenic diversity 6214
 - local survey 1025
 - role of WHO in blindness prevention 5534
 - route of entry into eye 3885
 - scleral punch biopsy instruments, compared 2749

***Onchocerca volvulus* contd.**

- in man *contd.*
 - in Sudan, new focus 3358
 - suramin 5822
 - technique for determining, microfilarial density 3824
 - technique for diagnosing 4331
 - technique for estimating, microfilarial density 2131
 - in Togo, diagnosis by skin snips 3826
 - unusual localization 5544
 - in Upper Volta, pathology of eye 782
 - in West Africa
 - control, discussed 2664
 - control programme 1587
 - in Zaïre
 - chemotherapy 2088
 - local survey 6027
- microfilariae
 - in man
 - in Cameroon, diethylcarbamazine citrate, mode of action 3891
 - periodicity 980
 - technique for counting 1563
 - in Upper Volta, site distribution & diurnal variations 3384
 - in rabbit, pathology of eye 4705-4706
 - technique for detecting, in skin snips, by Millipore membrane concentration 3825
 - ultrastructure 3891
 - in rabbit, immunopathology 3041
 - redescribed 5160

Oncomelania

- in China, control programme 2738
- control 1430
- control by fire 1429
- control by river silt 1431
- ecology & irrigation schemes 1999
- Schistosoma* 1395, 1429-1431, 1999
- S. japonicum* 2738

O. hupensis

- in Indonesia, local survey 840
- Schistosoma japonicum* 840
- technique for culturing 1554, 4879

O. hupensis formosana*, *Schistosoma japonicum* 3072, 6120**O. nosophora*, in Japan, molluscicides 390*****O. quadrasi***

- in Philippines 125
- migration & water level 5096
- technique for collecting 2751

Oncorhynchus kisutch*, *Rhabdochona kisutchi* n.sp. 706**O. masou*, *Diphyllbothrium latum* 1750*****Ondatra***

- alveolar hydatid 507
- helminths 1194, 5113
- Plagiorchis eutamias* *tschelabinski* n.subsp. 1194
- trematodes 59

Ondatra contd.**O. zibethica**

- alveolar hydatid 4052
- helminths 2314, 3974, 6077
- Trichinella* 5806

Opecoelidae, morphology 5671**Opecoeloides**, in *Synodus foetens*, in USA (South Atlantic), new record (h.) 4598**Opegaster ditrematis**, synonymy 5674**O. paramacrorchis**, synonym of *Opegaster ditrematis* 5674**O. pritchardae**, n.sp., in *Bathygobius soporator*, in USA (South Atlantic) 5676**Ophicephalus argus**

- helminths 2924
- Hirudinea 2924

Ophiosoma macrocephala

- nomenclature 2405
- to *Strigea hierococcygia*, n.sp. 2405

Ophiotaenia bonariensis, in *Bufo marinus*, in Colombia, new record (g.) 6167**O. europaea**, in *Natrix natrix*, in Bulgaria 2910**O. habanensis**, n.sp., in *Tropidophis pardalis*, in Cuba 5681**O. najae**, in snake, in Pakistan, new record (g.) 5065**O. nattereri**, in *Epicrates angulifer*, in Cuba, morphology, & new record (h.) 5681**O. viperis**, in *Tretanorhinus variabilis*, in Cuba, morphology, & new record (h.) 5681**Ophisaurus apus**, *Abbreviata kazachstanica* 2440**Opisthadenia cortesi**, synonym of

- Opisthadenia dimidia* 5678

O. dimidia, synonymy 5678**Opisthioglyphe koisarensis**, morphology 627**O. orientalis**, in *Megalobatrachus davidianus*, in China (South West) 2334**Opisthorchioidea**, chaetotaxy 4571**Opisthorchis**in *Bithynia leachi*

- in USSR (Belorussia), incidence & local variations 4556

- in USSR (Kazakhstan), age & seasonal variation, & local survey 2016

- & cancer, in man, in USSR (Siberia), pathology of pancreas 1325

- in cat, in USSR (Belorussia), incidence & local variations 4556

- in fish, in USSR (Belorussia), incidence & local variations 4556

in man

- adrenal gland function 5756
- auto-immune process & hexachloroparaxylylene 279

- pathology 5268

in USSR

- atopic bronchial asthma 3079

Opisthorchis contd.

in man contd.

in USSR contd.

- hexachloroparaxylylene 3782
- pathology of stomach 268

in USSR (Siberia)

- chemotherapy, & symptoms 3232
- control by sanitation 397
- hexachloroparaxylylene 406

in USSR (Ukraine)

- epidemiology, incidence, & pathology 1641

- hexachloroparaxylylene 1506

- in rabbit, lymph node changes 225

- & tuberculosis, in man, hexachloroparaxylylene 419

& typhoid

- effect of passage through worm on typhoid bacteria 1170

in man

- intestinal microflora 1172

- pathology 1173

- penetration & multiplication of bacteria in worm 1169

- in USSR (Siberia), post-mortem data 1168

- in USSR (Lithuania), local survey 1160

O. felineus

in animals, in USSR (Siberia),

- geographical distribution 671

- in *Bithynia*, in USSR (Kazakhstan), host biology 2375

in *Bithynia inflata*

- in USSR (Siberia)

- control, discussed 347

- epizootiology 2636

- in *Bithynia leachi*, reproduction, discussed 3311

in *Carassius carassius*, in USSR

- (Kazakhstan), age variation, & new record (h.) 4000

- in *Castor fiber*, in USSR (European) 2386

- in cat, case report 602

- in cyprinids, in USSR (Siberia), epizootiology 2636

- in fish, in USSR (Ukraine) 1117

- in fox, in USSR (European) 2386

- glycogen metabolism 1961

in hamster

- cytology, & immunity 3574

- pathology of bile duct 6289

in man

- in Asia, reviewed 2859

- in USSR (European), epidemiology 1

- structure of nerve system 685

- in wild animals, in USSR (Kazakhstan),

- local distribution & epizootiology 4240

O. lomeensis, n.sp., in *Aubria subsigillata*, in Togo 1183

Opisthorchis contd.

O. viverrini, in man, in Asia, reviewed
2859

Oreoleuciscus potanini, *Diphyllbothrium dendriticum* 778

Oribatid mites

Anoplocephalata 2946

cestode larvae 4552

Moniezia 1414, 2007, 3671, 4021

M. autumnalis 1762

M. benedeni 3832

M. expansa 1416, 4591

Thysaniezia giardi 2152

Orientobilharzia turkestanicum

in cattle, in China (North East), local
survey 1415

in *Lymnaea auricularia*, morphogenesis
2143

in man, in China (North East),
schistosome dermatitis 1415

in rabbit, morphogenesis 2143

Orientocreadium batrachoides, in *Channa*

punctatus, in India, synonymy 2418

O. otto, synonym of *Orientocreadium batrachoides* 2418

O. siluri, in *Silurus glanis*, redescribed
6489

Ornithobilharzia canaliculata, localization of
neutral fat 287

O. turkestanicum

in rabbit

pathogenicity 1301

re-infection & worm burden 4505

in sheep, pathogenicity 1301

Ornithodiplostomum ptychocheilus, in
Fundulus diaphanus, in Canada, new
record (h.) 5636

Ornithodoros batuensis, nematode larvae
4549

O. tartakovskyi, *Dipetalonema wite* 1956

Ornithostrongylus quadriradiatus, in pigeon,
in Philippines, morphology 5624

Orthetrotrema longicaeca, n.sp., in
Brachythemis, in India 3528

Orthetrum sabina, *Prosthogonimus cuneatus*
2973

Orthoptera

Moniliformis clarki 4489

M. moniliformis 4489

Orthoskrjabinia bobica, in *Apodemus*

sylvaticus, in USSR (Ukraine),
morphology, & new record (h.) 5156

Orthotomicus caelatus

Contortylenchus orthotomici n.sp. 2182

Parasitylenchus oriundus n.sp. 2181

O. ornatus, *Allantonema orthotomici* n.sp.
2181

Osphyobothrus, diagnosis emended 6162

O. sagittula, n.sp., in *Saurida undosquamis*,
in Indian Ocean 6162

Ostertagia

in cattle

in Britain

fatal cases 4980

outbreak 6043

thiabendazole 346

chemotherapy & luteinising hormone
878

fenbendazole 5448

pathogenicity 5265

thiabendazole 4828

in goat, in USSR (Uzbekistan), acquired
immunity, & age variation 2299

& *Haemonchus*, in sheep, pathology
1932

morphology of spicules 4454

in sheep

in Australia, seasonal variation 5352

in Britain

diarrhoeic syndrome 5276

levamisole & inhibited larvae 5431

pathology of acute abomasitis 3616

serum pepsinogen 2569

in Spain, local survey 4071

in USSR (Siberia), chemotherapy 6438

O. circumcincta

larvae

on pasture

in USSR (Siberia)

development, & survival 1985

overwintering & infectivity 4220

phenotype differences in esterase

isoenzymes 4173

in sheep

in Argentina, levamisole 6419

in Britain

overwintering & lamb infection

3200

postparturient rise & lamb infection

3690

serum pepsinogen & worm burden
2570

clinical & haematological changes

4164

faecal egg counts & level of infection
6333

gastric secretion 4696

host nutrition 6286

hypergastrinaemia 5250

immunization 6253

immunopathology 3031

morphology 4071

pathogenicity 246

serology & histotropic phase 5734

weight gain & level of infection 6333

O. (Marshallagia) marshalli, in sheep,
morphology 4071

O. (Mouflonagia) podjapolsky, in sheep,
morphology 4071

O. ostertagi

in cattle

arrested development 2647

***Ostertagia ostertagi* contd.**

in cattle contd.

in Britain, report 6494

challenge infections 4644

circulating antibodies & pregnancy
2527

control, & epizootiology 4998

general account 4990

genetics & host induced effects on
vulval flap 4349

in Ireland, general account 587

larval maturation requirements 6311

resumption of development of arrested

larvae 6339

tetramisole 415

thiabendazole, efficacy disputed 1466

larvae, in cattle, inhibition & hormonal &
anthelmintic treatment 867larvae & ova, on pasture, in Sweden,
development & survival 315***O. trifurcata*, in sheep, morphology 4071*****Oswaldocruzia filiformis*, in *Rana graeca*, in
Yugoslavia 1106*****O. gansi*, n.sp., in *Rhinophis****drummondhayi*, *Rhinophis philippinus*,& *Uropeltis melanogaster*, in Sri Lanka
700***O. goezi*, chromosomes 3320*****Oswaldofilaria belemensis***in *Aedes aegypti*, development &
morphology 175n.sp., in *Dracaena guyanensis*, in Brazil
(North) 176***O. petersi***in *Culex*, development & morphology
175n.sp., in *Tupinambis nigropunctatus*, in
Brazil (North) 176***O. spinosa***in *Culex*, development & morphology
175n.sp., in *Mabuya mabouya mabouya*, in
Brazil (North) 176***Oswaldofilarinae*, classification, discussed
176*****Otodistomum cestoides*, redescribed 5670*****O. plicatum*, synonym of *Otodistomum*
veliporum 5670*****O. veliporum***larvae, in *Hippoglossoides platessoides*, in
Canada, new record (h.) 1122

synonymy 5670

***Otomys angoniensis*, *Ackertia globulosa*
n.sp. 1836*****Ovibos moschatus****Haemonchus* 4995

helminths 585

Nematodirus helvetianus 585**Ovicides & larvicides (see also Control)***Actinomyces* 1529

alcohol 923

ammonia 5830–5831

Ovicides & larvicides contd.

ammonium salts 1548

benzylphenol 5907

bromine 871

calcium cyanamide 6358

carbathion (see metam-sodium)

chloramine (see tosylchloramide sodium)

chlorine 5868

D-D 6435

Echinococcus granulosus 2100

halogens 3760

haloxon 4285

hydrogen peroxide 871

metam-sodium 4868–4869, 5860, 5901,
5908, 6435

1,4-naphthoquinone derivatives 1531

N,N-dimethylformamide 1548

organic phosphorus compounds 4799

ozone 3760

peracetic acid 3777

performic acid 3777

perpropionic acid 3777

plant extracts 2060

Preparation C-280 5907

purine derivatives 1531

pyrimidine derivatives 1531

Roccal 4266

sodium phenolate 5889

sodium salts plus calcium superphosphate
900

thiabendazole 4285, 4828, 6388

tosylchloramide sodium 923

triphenylphosphines 1548

various 375, 1467, 3793

technique for testing 5899

veladine 5907

xylonaph-5 5901

zinc 909

***Ovis ammon musimon*, helminths 3929,
5000*****O. canadensis californiana*, *Wyominia tetoni*
1665*****O. canadensis canadensis*, *Protostrongylus*
5808*****O. musimon*, bithionol sulphoxide 4805*****O. orientalis severtzovi****Fasciola hepatica* 5003

helminths 5003

Oxydesmus granulosus

dicrocoeliids 645

Hymenolepis gilloni 645***Oxyspirura kaitingensis*, in *Sturnopastor*
contra, in India, new record (g. & h.)
72*****O. (Oxyspirura) petrowi***in *Callieplea squamata*, in USA (West
South Central), new record (h.) 1728in *Cyrtontyx montezumae*, in USA (West
South Central), new record (h.) 1728***O. petrowi*, in birds, in North America,
listed 1728**

- Oxyurata**, in *Ochotona rufescens*, in USSR (Turkmenia), new record (h.) 1078
- Oxyuris equi**
in horse
 oxibendazole 2690, 5421
 thiabendazole 6390
 trichlorphon 4264
 scanning electron microscopy 3001
- Oxyuroids**, in dog 2306
- Ozotoceros bezoarcticus**, *Pygarginema verrucosa* 1212
- Pachycheles rudis**, *Ascarophis* 4014
- Pachychilon pictum**
Dactylogyrus ivanovici n.sp. 1176
D. martinovici n.sp. 1176
D. petkovici n.sp. 1176
D. rosickyi n.sp. 1176
D. sekulovici n.sp. 1176
Gyrodactylus prostrae 1176
- Pachydrombia bavayi**, *Schistosoma japonicum* 6137
- Pachyscelis banghaasi**, *Hadjelia truncata* 1761
- Pacific**
Anisakis
 larvae 1765
 Type I larvae 1765
Branchellion callorhynchus n.sp. 4353
B. lobata 4353
 helminth larvae, in plankton 3486
 helminths
 in fish 641
 in *Odobenus rosmarus* 3977
Nuitrema strigeiformis n.g., n.sp. 6173
Pseudobunocotyla nototherniae n.sp. 5673
Rhadinorhynchus decapteri n.sp. 3533
 trematodes, in fish 1394
Wuchereria bancrofti 6321
- Pacific, North**
 acanthocephalan larvae, in Euphausiidae 1774
 Anisakis simplex 2899
 Bolbosoma nipponicum 2899
 cestode larvae, in Euphausiidae 1774
 Monilicaecum 5091
 Trypanorhyncha 2899
- Paecilomyces farinosus**, & *Neoplectana carpocapsae*, in *Leptinotarsa decemlineata*, host response 1146
- Pagellus erythrinus**
Holorchis micracanthum 2414
H. pycnopus 2414
- Pagini**
Ascaris 758, 5710
A. lumbricoides 1880
Capillaria papuensis n.sp. 2438
 helminths, in man 1625
 hookworm 758, 1880, 3049
Leiobdella jawarerenis n.g., n.sp. 1580
Necator americanus 1237
Trichuris 1880
Wuchereria bancrofti 1625
- Pagurus**, *Microphallus pirum* 4777
- Pakistan**
Camallanides prashadi 5065
Deladenus imperialis n.sp. 178
Hamacreadium karachiensis n.sp. 1182
H. rastrellii n.sp. 1182
Helicometrina chilomyteri n.sp. 4573
Olivacreadium heterorchis n.sp. 4572
O. phyllorchis n.g., n.sp. 4572
Ophiotaenia najae 5065
Tanqua anomala 5065
- Pakistan, East** (see Bangladesh)
- Palaeomonetes kadiakensis**, *Alloglossidium renale* n.sp. 1185
- P. vulgaris**, *Odhnertia* 4344, 6467
- Palaeorchis problematicus**
 in *Flumenicola virens*, in USA (Pacific), life-cycle 4047
 n.comb., for *Laterocreadium problematicum* 4047
 in *Ptychocheilus oregonensis*, in USA (Pacific), life-cycle 4047
- P. skirjabini**, synonym of *Palaeorchis unicus* 1121
- P. unicus**
 morphology 1121
 synonymy 1121
- Pallisentis tetraodontae**, n.sp., in *Tetraodon fahaka*, in Central Africa 2203
- Pan**, *Schistosoma japonicum* 6234
- P. troglodytes schweinfurthii**, *Probstmayria gombensis* n.sp. 6196
- Panagrellus**, technique for preparing, for scanning electron microscopy 2140
- P. leperisini**, n.sp., in *Leperisinus californicus*, in USA 2186
- P. redivivus**
 glucose-6-phosphatase activity & ionic strength 2588
 glucose-6-phosphatase activity & temperature acclimation 2588
 nitrogen catabolism 1975
 nitrogen elimination 1974
 stage-specific behaviour 5330
- P. silusiae**
 collagen synthesis 3172
 regulation of collagen synthesis 4761
 ribosomal RNA 1364
 technique for isolating, homogeneous groups, by density gradient centrifugation 4875
- Panagrobelus phloeosini**, n.sp., in *Phloeosinus dentatus*, in USA 2186
- Panagrolaimus conophthori**, n.sp., in *Conophthorus coniperda*, in USA 2185
- P. judithae**, to *Neocephalobus judithae*, n.comb. 2179
- P. leperisini**, n.sp., in *Leperisinus aculeatus*, in USA 2185
- Panama**
 microfilariae, in *Saguinus geoffroyi* 5557
 Paragonimus 4579

- Pancreatonema torriensis*, n.g., n.sp., in *Raja naevus*, in Britain 705
- Panorpa communis*
Hymenolepis diaphana 2938
H. furcata 2938
H. schaldybini 2938
- Panthera leo*
 helminths 4485
Schistosoma spindale 1702
Spirometra 1702
- Papillochoricotyle ilishae*, n.g., n.sp., in *Ilisha*, in Sea of Japan 6161
- Papio*
 toxicity, of tubercidin 3743
 tubercidin 3743
- P. anubis*, *Loa loa* 545
- P. cynocephalus*
Trichostrongylus 6299
Trichuris 6299
- P. ursinus*, mebendazole 2680
- Papua & New Guinea (see Pagini)
- Parabenedenia*, n.g., for *Pseudobenedenia*, in part 5670
- Parabisacanthus philactes*, in *Cygnus olor*, in USSR (Lithuania) 77
- Parabrachylaima euglandensis*, n.g., n.sp., in *Euglandina rosea*, in USA (West South Central) 2411
- Parabronema longispiculatum*, n.sp., in *Loxodonta africana*, in Chad, pathology 5164
- P. skrjabini*
 in camel, in Israel 38
 in cattle, in Israel 38
 in sheep, in Israel 38
- Parachristianella heteromegacanthus*, n.sp., in *Penaeus brasiliensis*, in USA (South Atlantic) 5143
- P. monomegacantha*
 in *Dasyatis americana*, in USA (South Atlantic), morphology, & new record (h.) 4592
 in *Dasyatis lata*, in Hawaii, new record (g. & h.) 5141
- Paracoenogonimus ovatus*, in bream, pathogenicity 1939
- Paracooperia serrata*, redescribed 4065
- Paracottus kessleri*
Raphidascaris acus 4033
Trienophorus nodulosus 4033
- Paracryptogonimus americanus*, synonymy 5678
- P. neoamericanus*, synonym of *Paracryptogonimus americanus* 5678
- Paradenogaster selfi*, n.g., n.sp., in *Ocadia sinensis*, & *Geoclemys reevesii*, in Taiwan 2406
- Paradiaptomus asiaticus*
Diorchis danutae 659
Echinocotyle ryjikovi 659
- Paradilepis scolecina*, cysticerci, in *Silurus*, in USSR (European), new record (h.) 1118
- P. urceina*, n.sp., in *Threskiornis molucca strictipennis*, in Australia 3338
- Paradinurus manteri*, redescribed 5671
- Paradistomoides hemidactylis*, n.sp., in *Hemidactylus flaviviridis*, in India 156
- P. laruei*, n.sp., in *Takydromus septentrionalis*, in Taiwan 2406
- Paradistomum*, in *Rhabdophis tigrinus*, in Japan 79
- P. mutabile*, in *Lacerta*, in Rumania, new record (g.) 6096
- Paraechinus micropus micropus*, *Mathevotaenia paraechinis* n.sp. 1202
- Parafasciolopsis fasciolaemorpha*
 in *Alces alces*
 in USSR, pathology 1917
 in USSR (Belorussia), pathology 1902
 in deer, in USSR (Belorussia), pathology 1902
- Parafilaria bovicola*
 in cattle
 in South Africa
 distribution, life-history, & chemotherapy 6499
 transmission 329
- P. multipapillosa*, in horse, in Finland, exotic infection 6028
- Parafilaroides*, of Dougherty & Herman, 1947, synonym of *Parafilaroides decorus* 5614
- P. decorus*
 synonymy 5614
 in *Zalophus californianus*
 general account 5617
 radiological findings 1082
- P. nanus*, synonym of *Parafilaroides decorus* 5614
- P. prolificus*, synonym of *Parafilaroides decorus* 5614
- Parafossarulus manchouricus*
Clonorchis 652
C. sinensis 2358, 5641, 6121, 6139
 in Korea, local survey 6139
 morphology 6129
- Paragonimus*
 in cat, experimental mixed infections 1980
 cercariae
 in *Potamon dehaani*, laboratory maintenance 109
 in *Sesarma*, laboratory maintenance 109
 technique for maintaining 109
 in dog, experimental mixed infections 1980
 in freshwater crabs, in China, new host species 2360
 in man
 & cat, pathology, compared 4734

Paragonimus contd.

- in man *contd.*
 - chemotherapy 439
 - in China, new intermediaries 2360
 - diagnosis by FAT 2495
 - diagnosis by FATI 2490, 5702, 6242
 - epidemiology 4390
 - epidemiology & diagnosis 4422
 - in Japan
 - diagnosis by X-ray, (book) 2175
 - localization in brain 572
 - in Korea
 - diagnosis by IT 6219
 - diagnosis by IT & sputum examination, compared 2246
 - local survey 2264, 5992
 - niclofolan 2718
 - pulmonary manifestations 4702
 - reviewed 569, 1637
 - serodiagnosis 6241
 - in Venezuela, ectopic infection 551
 - metacercariae
 - in crabs, in China 1796
 - in *Potamocarcinus richmondi*, in Panama, morphology 4579
 - in *Ptychophallus*, in Panama, morphology 4579
 - in rat, experimental mixed infections 1980
 - & *Schistosoma mansoni*, in man, in Ivory Coast 1614
 - in *Sundathelphusa philippina*, in Philippines, identity of intermediary 5080
- P. africanus***
- in man
 - in Africa, antibody levels 4666
 - in Cameroon, epidemiology 2207
- P. caliensis***, in *Aroapyrgus colombiensis*, in Colombia 118
- P. hueitungensis***, n.sp., in dog, in China (Central) 5665
- P. iloktsuenensis***
- metacercariae, in *Sesarma dehaani*, in Korea, incidence 2367
 - in molluscs, in Korea 6138
 - in *Sesarma dehaani*, in Korea, frequency distribution 2368
- P. inca***, n.sp., in *Herpailurus yagouaroundi*, in Peru 4580
- P. kellicotti***
- in *Canis latrans*, new record (h.) 4726
 - in carnivores, in Canada, pathology of lung 4726
 - in cat
 - in USA, case report 1070
 - in USA (East South Central), case report 3435
 - cytochemistry & ultrastructure of tegument 4186
 - in dog, in USA (East North Central), bithionol acetate 414

Paragonimus kellicotti contd.

- in man, in South Africa, case report, new record (g) 540
- P. mexicanus***, in *Aroapyrgus costaricensis*, in Costa Rica 1767
- P. miyazakii***
- antigen analysis 4692
 - in *Bythinella (Moria) nipponica*, in Japan, local survey 5644
 - in Japan, biology 967
 - in man
 - in Japan
 - case reports 4420
 - distribution 528
 - in *Martes melampus melampus* in Japan 5012
 - local survey 5013
 - & *Paragonimus ohirai*, karyotypes, compared 981
 - in *Potamon dehaani*, in Japan, local survey 2937, 5644
 - in rat, bithionol 5397
- P. ohirai***
- antigen analysis 4692
 - cercariae, ultrastructure of body surface 692
 - in dog, in Japan, pathology of lung 1292
 - in man, in Japan, distribution 528, 532
 - miracidia, ultrastructure 686
 - & *Paragonimus miyazakii*, karyotypes, compared 981
 - in rat
 - bithionol 5397
 - chemotherapy, & immunology 4795
- P. peruvianus***
- in cat, migration route 1984
 - in rat, migration route 1984
- P. sadoensis***
- antigen analysis 4692
 - in man, in Japan, distribution 532
- P. szechuanensis***, in *Sinopotamon kwanhsienense*, in China, new record (h.) 1149
- P. uterobilateralis***
- in man
 - in Africa, antibody levels 4666
 - in Nigeria
 - case reports 4448
 - epidemiology 2207, 3699
 - in *Sudanonautes*, in Nigeria 2207, 3699
 - in *Viverra civetta*, in Nigeria 3699
- P. westermanni***
- antigen analysis 734, 4692
 - in *Cambaroides*, in USSR (Far East), new record (h.) 119
 - in *Cambaroides similis*, in South Korea, local survey 6126
 - in cat, experimental 6464
 - in crayfish, in Korea, local survey 6343
 - in dog
 - in Japan, pathology of lung 1291
 - mode of infection 5021

***Paragonimus westermani* contd.**

in *Isolapotamon sinense*, in China, new record (h.) 1149

in man

in Italy, exotic infection 4962

in Korea

epidemiology 4230

incidence 6343

public health aspects 5990

in *Neofelis nebulosa*, in India, zoo 3433

in *Parapotamon spinescens hsingyiense*, in China, new record (h.) 1149

in *Sinopotamon chekiangense*, in China, new record (h.) 1149

in *Sinopotamon kwanhsienense*, in China, new record (h.) 1149

Paragordius varius*, fine structure of postseptum 1841*Paraguay**

Ancylostoma 4944

helminths

in animals 5102

in man 4942, 4945, 5102

Hymenolepis diminuta 4943

intestinal helminths, in man 1007

Necator 4944

Temnocephala talicei 6123

***Paraheligionina*, phylogeny 3537**

Parahemiurus, in *Arripis trutta*, in New Zealand, morphology 152

P. arripidis, n.sp., in *Arripis trutta*, in New Zealand 152

Parahistiostrongylus viguerasi

in *Myotis myotis*, in Spain 65

in *Rhinolophus ferrumequinum*, in Spain, new record (h.) 65

Parahistomonas wenrichi*, & *Heterakis

gallinae, in fowl, transovarial transmission 1790

Parahurleytrema*, synonym of *Hurleytrema* 5677**Paralepoderma*, life-cycles & taxonomy 5125**

P. brumpti, in *Planorbis planorbis*, in Poland, life-history, & morphology 5125

P. cloacicola, in *Planorbis planorbis*, in Poland, life-history, & morphology 5125

P. progeneticum, in *Planorbis planorbis*, in Poland, life-history, & morphology 5125

***Parallintoschius*, synonym of *Allintoschius* 702**

P. nudicaudus, to *Allintoschius nudicaudus*, n.comb. 702

P. tadaridae, to *Allintoschius tadaridae*, n.comb. 702

Paraluttrema hylocichlae*, synonym of *Lyperosomum oswaldoi* 148**Paramacroderoides echinus***

in *Gambusia affinis*, experimental 2410

***Paramacroderoides echinus* contd.**

in *Helisoma duryi*, experimental 2410

in *Lepisosteus platyrhincus*, in USA

(South Atlantic), life-cycle 2410

P. pseudoechinus

in *Gambusia affinis*, experimental 2410

in *Helisoma duryi*, experimental 2410

n.sp., in *Lepisosteus platyrhincus*, in USA (South Atlantic), life-cycle 2410

Paramazocraes axillariai, n.sp., in *Sciaena axillaris*, in India 681

P. dussumieri, n.sp., in *Thrissocles dussumieri*, in India 5116

P. indica, n.sp., in *Chirocentrus dorab*, in India 681

Paramermis contorta, to *Paramermis implicata*, nom.nov. 490

P. implicata, nom.nov., for *Paramermis contorta* 490

Paramonostomum alveatum

in *Anas discors*, in Canada, new record (h.) 1733

validity, discussed 1087

Paramonoviola rhagii, n.g., n.sp., in *Rhagium inquisitor*, in USSR (European) 3535

Paramazocraes vicinus, n.sp., in *Thrissocles*, in Sea of Japan 6161

Paramphistomatid larvae, technique for determining, viability 450

Paramphistomatids

in cattle, in USSR (Belorussia), control 3817

in *Gyraulus gredleri*, in USSR (Siberia), incidence & seasonal variation 662

in *Segmentina nitida*, in USSR (Siberia), incidence & seasonal variation 662

in sheep, in USSR (Belorussia), control 3817

Paramphistomes

in cattle

diarrhoea 6048

in India, resorantel 1527

in Madagascar, chemotherapy 1480

in Niger, epizootiology 112

resorantel 4373

in USSR (Belorussia)

control 445

distribution & incidence 39

trichlorphon 4871

in USSR (European), chemotherapy, epizootiology, & pathology 1903

in USSR (Ukraine), Bitifen & milk & meat quality 1493

in goat, in India, resorantel 1527

in sheep

in USSR (European), chemotherapy, epizootiology, & pathology 1903

in USSR (Ukraine) 1047

in zoo animals, in Europe, morphology 5132

Paramphistomum

- in cattle
 - bithionol sulphoxide 404
 - in Poland, incidence 3414
 - sialic acid & serum proteins 1928
 - in USSR (Ukraine), Bitifen 2094
- general account 5574

P. cervi

- in cattle, in Bulgaria, bithionol plus 2,4-dichlorophenol 5874
- & *Fasciola gigantica*, in cattle, in Nigeria 1039
- glycogen metabolism 1961
- histology & histochemistry of integument 1960
- lipid analysis 5790
- oxidative systems 5785
- in sheep
 - in Bulgaria, bithionol plus 2,4-dichlorophenol 5874
 - in Mexico 3421

P. explanatum, phosphomonoesterase 289**P. ichikawai**

- chromosome complement 470
- in molluscs, in USSR, survey 5087
- ultrastructure 2978

P. microbothrium

- in cattle
 - chemotherapy 5872
 - resorantel 369
 - in Yugoslavia, resorantel 1547
- & *Fasciola hepatica*, metacercariae, *in vitro*, technique for differentiating 2141
- in goat, resorantel 369
- in *Lymnaea truncatula*, parthenogenesis 4891
- polar lipids 4751
- in sheep
 - in Bulgaria, economic loss 796
 - chemotherapy 5872
 - in Nigeria, outbreak & chemotherapy 3937

Parapharyngodon szcerbaki, n.sp., in *Agama caucasica*, & *Agama lehmanni*, in USSR 4069**Parapotamon spinescens hsingyiense**, *Paragonimus westermani* 1149**Paraquimperia tenerrima**, in *Anguilla anguilla*, in Czechoslovakia, life-cycle 4341**Parascaris**, in donkey, in USSR (Uzbekistan), chemotherapy 5825**P. equorum**

- body fluid, in horse, toxic reaction & anaphylactic shock 3114
- in horse
 - chemotherapy 2655
 - chemotherapy & development 6389
 - control, discussed 3723
 - mebendazole 2064
 - in New Zealand, fatal case 4977

Parascaris equorum contd.

- in horse *contd.*
 - thiabendazole 6390
 - trichlorphon 4264
- morphology 2995
- scanning electron microscopy 2993

Parasilurus asotus, *Procamallanus fukiensis* n.sp. 5695**Parasitaphelenchus beccus**, n.sp., in *Dendroctonus pseudotsugae*, in USA 2183**P. procerus**, n.sp., in *Ips calligraphus*, in USA 2183**Parasites**

- in amphipods, in USSR (Ukraine), incidence 3502
- in animals
 - economic loss 751
 - high fecundity & evolution of parasitism 3319
 - host castration, reviewed 753
 - in Hungary, control & economic loss 4826
 - immunity & environment, reviewed 4649
 - & man, zoonoses 3335
 - screening with enzyme-labelled antibodies 3595
 - in USSR (Siberia) 130
- in arthropods, & man, zoonoses, reviewed 3470
- in *Astacus leptodactylus leptodactylus*, in USSR (Ukraine), local survey 3474
- biocoenoses & ecotypes 2627
- in carp
 - in USSR, control, & epizootiology 6354
 - in USSR (Siberia), annual variation 3464
- in domestic animals
 - in Canada, monitoring programme 4558
 - in Hungary 4282
 - in Iran, economic loss 780
 - in USSR, distribution, literature review 3504
- in domestic birds, host-parasite relationships, reviewed 5621
- in fish
 - in Germany 2923
 - immune response, reviewed 3039
 - immunology, reviewed 4113
 - recognition in tissue sections 2341
 - reviewed 1747, 6113
 - in USSR (Aral Sea) 5980
 - incidence 6110
 - in USSR (Far East), in fish farms 4526
 - in USSR (Kazakhstan), ecological classification 1976
 - in USSR (Tadzhikistan), incidence 3455

Parasites contd.

- in fowl
 - general account 5619
 - in Ireland, report 3985
- free-living larvae & pesticides 3290
- in freshwater fish
 - in North America, pathogenicity, reviewed 766
 - in Poland, local survey 5972
- in USSR
 - epizootiology 2918
 - survey 86
 - in USSR (Siberia), incidence 2349
- in *Gasterosteus aculeatus*, in USSR (European) 85
- in *Gasterosteus pungitius*, in USSR (European) 85
- in goat
 - in Bangladesh
 - local survey 1681
 - mortality rate 5001
- in guinea-pig, effect of stress & vitamin C deficiency on acid soluble phosphates 5961
- host castration, discussed 829
- in insects, transmission & temperature 326
- in *Lagopus lagopus*, in Norway, listed 3449
- in *Leuciscus rutilus*, in USSR (European), age variation 2355
- in *Lucioperca*, in USSR (European), local survey 5075
- in man
 - animal vectors, (book) 2176
 - in Australia, chemotherapy & growth response 4797
 - in Bangladesh, technique for detecting, in faeces 5460
 - biology, & diagnosis 2178
 - in Brazil (Central West), bibliography 5940
 - in Canada, exotic infections 3404
 - diagnosis
 - (manual) 3856
 - reviewed 5916
 - in Dominica, local survey 3365
 - economic loss 751
 - in Egypt, pituitary-adrenal axis 3126
 - epidemiology & water resources
 - development, bibliography 858
 - immunity & environment, reviewed 4649
 - mass chemotherapy problems 5370
 - in New Zealand, listed, & discussed 5527
 - in Rhodesia, local survey 6001
 - in Taiwan, local survey 2814
 - (textbook) 4914
 - in Tunisia, incidence 3352
 - in USA (East North Central), exotic infections 3402

Parasites contd.

- in man contd.
 - in USA (North Atlantic)
 - diagnosis 2252
 - routine screening 4414
 - use of radioactive isotopes, discussed 3849
 - in USSR
 - control, diagnosis, & incidence 319
 - diagnosis, & treatment, reviewed 4359
 - in USSR (Armenia), control programme 3274
 - in USSR (Turkmenia), control, & incidence 3385
 - in Viet Nam 1617
 - in marine fish, economic loss 97
 - in marine molluscs, in USSR (European), 25-year survey 3496
 - in molluscs, in USSR (Far East), local survey 4020
 - in mugilids, reviewed 105
 - in oligochaetes, in USSR (Ukraine), incidence 4009
 - in *Penaeus brasiliensis*, in USA (South Atlantic) 5143
 - in *Penaeus vannamei*, in Mexico 5143
 - in pig, large-scale farming, (book) 4926
 - in Poland, ecological theory, discussed 5964
 - in predatory birds, reviewed 623
 - in ruminants
 - in Switzerland, zoo, fatal cases & chemotherapy 3928
 - zoo, prophylaxis 4268
 - in *Rutilus rutilus heckeli*, in USSR (European), local survey 5075
 - in salmonids, in fish farms, (book) 991
 - in *Scardinius erythrophthalmus*, in USSR (Ukraine), age variation 3458
 - in sheep, in New Zealand, popular account 5587
 - in Siphonaptera, in France 5079
 - & *Taenia*, in man, in Poland, chemotherapy 2659
 - technique for detecting, soluble antigens 4647
 - technique for studying
 - proteins, by electrophoresis 5962
 - using radioactivity 3343
 - by scanning electron microscopy 5464
 - in Trichoptera, in USSR (Ukraine) 3484
 - in turkeys, in Ireland, report 3985
 - in ungulates, in zoo, diagnosis & treatment 4859
- Parasites, intestinal**, in man, diagnosis, (laboratory manual) 5976
- Parasitism**, concepts, (book) 2798
- Parasitology**
 - in Brazil, postgraduate teaching 5942
 - in Bulgaria, & USSR, historical account 6484

Parasitology contd.

- in Hungary
 - general account 5939
 - reviewed 4282
- perspectives, discussed 2166
- in Poland, reviewed 5974
- in Rumania, research & teaching, reviewed 3848
- technique for teaching 958-959
- (text book) 483
- (text-book) 2174
- in USSR, conference proceedings 1594
- in USSR (European), report 3332, 5498
- in USSR (Lithuania) 1581
- in USSR (Ukraine), progress report 6483
- in Venezuela, bibliography 1582

Parasitology, medical

- (book) 5505
- in Cuba 4911
- in Indonesia, bibliography 2783
- in Korea, discussed 2778
- (text-book) 2797, 4363, 4925
- in USSR (Georgia), reviewed 4357

Parasitology, veterinary

- bibliography 987
- in France, history 2165
- (textbook) 4916

Parasitorhabditis

- taxonomy 5183
- in USA, key to spp. 2191

P. cluniculus, n.sp., in *Polygraphus hoppingi*, in USA 2183

P. gracilis, n.sp., in *Pseudohylesinus grandis*, in USA 2183

P. hastulus, n.sp., in *Ips grandicollis*, in USA 2184

P. hylurgi, n.sp., in *Hylurgops pinifex*, in USA 2184

P. ipini, n.sp., in *Ips pini*, in USA 2184

P. terebrans, n.sp., in *Dendroctonus terebrans*, in USA 2184

Parasitylenchus coronatus, n.sp., in *Hylurgops pinifex*, in USA 2181

P. ipinius, n.sp., in *Ips pini*, in USA 2181

P. leperisini, n.sp., in *Leperisinus aculeatus*, in USA 2181

P. oriundus, n.sp., in *Orthotomicus caelatus*, in USA 2181

P. parasitus, n.sp., in *Polygraphus hoppingi*, in USA 2181

P. senicus, n.sp., in *Pityophthorus*, in USA 2182

P. undulatus, n.sp., in *Pseudohylesinus nebulosus*, in USA 2182

Paraspidodera uncinata

- in guinea-pig
 - general account 5612
 - levamisole 4267

Parasymphylodora, diagnosis emended, & key to spp. 6171

Parasymphylodora contd.

P. manteri, n.sp., in *Biomphalaria choanomphala choanomphala*, in Uganda 6171

Paratenuisentis ambiguus, n.g., n.comb., for *Tanaorhamphus ambiguus* 1205

Parelaphostrongylus tenuis

- in goat, in USA (North Atlantic), epizootic 4464
- in *Rangifer tarandus caribou*, in Canada, fatal epizootic 3415

Paricterotaenia milvi

to *Parvitaenia milvi*, n.comb. 3338

synonymy 3338

Paristiopterus gallipavo

Neolepidapedon histiopteri n.sp. 6172

Zoogonoides mazuri n.sp. 6172

Paropecoelus, in *Upeneus sulphureus*, in Indian Ocean, new record (g.) 5674

P. indicus, n.sp., in *Upeneus sulphureus*, in India 5674

Paropisthorchis caninus, in dog, in India, case report 5017

Partridge, *Syngamus* 5966

Parupeneus multifasciatus, *Nybelinia basimegacantha* n.sp. 5141

Paruterinae, Fuhrmann, 1907, to Paruterinidae, n.fam. 2200

Paruterinidae, n.fam., for Paruterinae, Fuhrmann, 1907 2200

Parvatrema, diagnosis emended 2977

P. rebunense, n.sp., in *Haliotis* (*Nordotis*) *discus hannai*, in Japan 2977

Parvitaenia, in *Fundulus diaphanus*, in Canada, new record (h.) 5636

P. buckleyi, synonym of *Paricterotaenia milvi* 3338

P. eudocimi, synonym of *Parvitaenia ibisae* 3338

P. ibisae

to *Cyclustera ibisae*, n.comb. 3338

synonymy 3338

P. macrocoleo, n.sp., in Ardeiformes, in Uganda 3338

P. magna, to *Cyclustera magna*, n.comb. 3338

P. milvi, n.comb., for *Paricterotaenia milvi* 3338

Paryphostomum bubulcusi, synonym of *Paryphostomum dollfusi* 2416

P. dollfusi, synonymy 2416

Passalurus ambiguus, in rabbit, in South Africa, general account 6081

Passer domesticus

Choanotaenia passerina 4590

Mathevotaenia, n.sp., [not named or described] 4590

Proparuterina lali n.sp. 4590

Passeriformes, capillariids 6087

Passerilepis crenata, & *Passerilepis stylosa*, in Corvidae, incidence & antagonism 4515

Passerilepis contd.

- P. stylosa*, & *Passerilepis crenata*, in
Corvidae, incidence & antagonism 4515

Pasture

- Ancylostoma caninum*, larvae 310
Chabertia ovina, larvae 1392
Cooperia oncophora, larvae & ova 315
Dictyocaulus, larvae 2745
D. viviparus, larvae 4208
Fasciola hepatica 3188
Haemonchus contortus, larvae & ova
3668, 4775
nematode larvae 2051, 5795-5796, 6358
nematode larvae & ova 4933
Nematodirus filicollis, larvae & ova 3669
Ostertagia circumcincta, larvae 1985,
4220
O. ostertagi, larvae & ova 315
trichostrongylid larvae 2650, 5518-5519
Trichostrongylus colubriformis, larvae &
ova 4775

Pathogenicity

- Acanthocephalus jacksoni* 1922
Amidostomum anseris 5966
Ancylostoma caninum 278
A. ceylanicum 1290
A. duodenale 1289
Angiostrongylus cantonensis 1026, 1709,
5758
Ascaris 1322, 5530
A. lumbricoides 250, 1898
A. suum 4375, 4730, 5971, 6200
Avitellina 1057, 6287
Brugia pahangi 781, 5264
Bucephalus polymorphus 3623
Capillaria perforans 1213
Cercaria lymanae truncatulae 280
Coenurus 1541
C. cerebialis 1339
control, gastro-intestinal nematodes, in
cattle 5766
Cooperia curticei 3610
Crassiphiala bulboglossa 640
Cryptocotyle lingua 124
Cysticercus 1339
C. bovis 1887
C. cellulosae 5760
Dactylogyrus aristichthys 4722
D. extensus 6276
D. lamellatus 4722
DD-136 6141
Dicrocoelium 1315-1316, 5416
D. dendriticum 6133
Dictyocaulus filaria 6277
D. viviparus 754
Digamma interrupta, & *Myxobolus*
carassii 675
Diphyllbothrium erinacei 5110
Dirofilaria immitis 611, 2052, 2889,
3222, 3431
echinostomatids 1314
Enterobius vermicularis 1655

Pathogenicity contd.

- Eurytrema pancreaticum* 755
Eustrongylides 5634
Fasciola 267, 3416, 4724, 5961
F. hepatica 271, 280, 583, 1901, 2546,
3210, 4143, 4702, 4704, 4707, 6498
Fascioloides magna 6332
filarids 4084
Filaroides milksi 770
Foleyella flexicauda 4533
gastro-intestinal nematodes, in cattle
485, 5761
Gnathostoma doloresi 2210
G. nipponicum 2210
G. spinigerum 2210
Haemonchus 1541
H. contortus 1931, 4222, 5249
Halocercus monoceris 63
helminths
in animals 258
in ants 5650
in cattle 2789
in dog 2883
in domestic animals 763
in fish 3457
in freshwater fish 2916
in horse 254, 573
in invertebrates 4924
in man 743, 895, 1635, 5969
in pig 4711, 5966
in rabbit 5036
Heterakis 789
H. gallinae 1533
Heterorhabditis bacteriophora 4068
hookworm 250-251, 1898
hydatid 21, 256, 511, 1028, 1332, 1339,
2847, 2862
Hymenolepis diminuta 5749
H. nana 1336
Hyostrogylus rubidus 3138
Loa loa 5969
Mermis nigrescens 5269
Mesocostoides lineatus 5110
Moniezia 1305, 1541, 3416, 6287
M. expansa 6280
Moniliformis dubius 801
Necator americanus 277, 1289, 2536
nematode allergens, in man 1229
nematodes
in bark beetles 5693
in *Ips* 5643
in *Tipula* 4534
Nematodirus 1328, 3299, 3870
Neoaplectana 5642
N. bibionis 4932
N. carpocapsae 3487
(agriotos strain) 4536
N. carpocapsae agriotos 4932
Neoparasitylenchus amvlocercus n.sp.
5693
Nippostrongylus brasiliensis 1337
Oesophagostomum 1313, 1322

Pathogenicity contd.*Oesophagostomum contd.**O. dentatum* 4375*Onchocerca volvulus* 3127*Ornithobilharzia turkestanicum* 1301*Ostertagia* 5265*O. circumcincta* 246, 6286*O. ostertagi* 4990*Paracoenogonimus ovatus* 1939*Paragonimus* 4702*Paramphistomum microbothrium* 796

parasites

in animals 753

in freshwater fish 766

in guinea-pig 5961

in marine fish 97

in sheep 5587

Pristionchus uniformis 5254*Raillietina tetragona* 1261*Renicola roscovita* 124*Schistocephalus solidus* 1919*Schistosoma* 1658, 3630*S. haematobium* 261, 522, 1309, 4419,
4698, 4728, 4736*S. mansoni* 759, 771, 818, 1031, 1307,
1309, 1633, 1861, 3438, 4698, 4950,
5257, 6013, 6264, 6268

& typhoid 5660

S. mattheei 2550*Spirocerca lupi* 5989*Spirometra mansonoides* 5764

strongylids 30, 4990

Strongyloides 5962*S. papillosus* 1317, 1338, 3150, 5970*S. ratti* 244–245*S. stercoralis* 743, 1898*Strongylus vulgaris* 765, 2075, 4141,
6030*Taenia hydatigena* 1348*Terranova* 543*Thysaniezia* 1057*Toxocara canis* 5987

trematodes, in zebu 2868

Triaenophorus nodulosus 4150, 5962*Trichinella* 3117

(strains) 3143

T. spiralis 249, 783, 919, 1896, 4375,
4738, 5961–5962, 6277

trichostrongyles 1545

Trichostrongylus 3353*T. colubriformis* 1894, 2541, 3638, 6286*T. vitrinus* 4936*Trichuris* 1322, 1333*T. suis* 1254, 1323, 1350*T. trichiura* 1898**Pathology**

alveolar hydatid 1353, 4159, 5747

Amidostomum acutum 2327*Anatrichosoma* 2223*Ancylostoma caninum* 1982*A. duodenale* 1927, 3907, 4424*Angiostrongylus* 3406**Pathology contd.***Angiostrongylus contd.**A. cantonensis* 552, 1022, 1710, 4158,
5282, 5759, 6136*A. vasorum* 6136*Anisakis* 546, 2232, 4973, 6054, 6265

anoplocephalids 4982

Artyfechinostomum sufrartylfex 5270*Ascaridia* 3052, 5263*A. galli* 1319, 1921, 3114, 4737, 5298& *Heterakis gallinae* 1300

ascarids 6089

Ascaris 257, 269, 539, 1906, 1914–1915,

1918, 3155, 3641, 4968, 5252, 5743,

5750, 6014, 6273, 6278

body fluid 3614

A. columnaris 2316*A. lumbricoides* 787, 2821, 2855, 4406,
5279, 5784*A. suum* 262, 786, 1060, 1349, 2170,

3120, 3154, 3639, 3701, 4149,

4155–4156, 4699, 5969, 5971

Ascarophis 4014*Ascarops strongylina* 1324, 6282*Avitellina arctica* 1911*Azygia lucii* 6102*Bothridium* 791*Bothriocephalus gowkongensis* 3649*B. opsariichthydis* 2558*Brugia malayi* 1848, 2959, 4732*B. pahangi* 252, 2564, 3128, 4718*Bucephalus* 1758*Bunostomum* 1889*Capillaria contorta* 3444*C. hepatica* 601, 1937, 2555, 3972, 5045*C. vanelli* 2327*Capreocaulis capreoli* 1917, 2543*Cercaria lynnaeae truncatulae* 280

cestodes, in man 1862

Clonorchis sinensis 590, 2539, 2859,
5757*Coenurus* 4949*C. cerebralis* 1043, 4987*Contortylenchus reversus* 790, 2382*Cryptocotyle lingua* 2563, 3139, 3148

cutaneous larva migrans 2233

Cysticercus 1234, 2828, 2952, 3098, 6288*C. bovis* 1310, 1910, 1918, 3636, 4154*C. cellulosae* 3334, 6067*C. fasciolaris* 4490*C. ovis* 1002, 3926*C. pisiformis* 255*C. tenuicollis* 590, 767, 1312, 1917, 1929*Dicrocoelium* 772–773, 1302, 3115*D. dendriticum* 2568*Dictyocaulus* 1881, 5445*D. viviparus* 754, 1295, 4134, 5503, 5576digeneans, in *Potamopyrgus antipodarum*
5752*Diocotophyme renale* 5753*Dipetalonema wite* 4139*Diphyllbothrium dendriticum* 778

Pathology contd.

- Diplostomum spathaceum* 3132
Dipylidium caninum 266, 1344-1346
Dirofilaria 2574
D. immitis 263, 1342, 2554, 3964, 4135, 4956, 5030, 5745
D. repens 5304
Dracunculus medinensis 2833, 2863
Echinocephalus crassostreai 1899
E. crassostreai n.sp. 1832
E. sinensis 1318
Echinococcus, antigen 3550, 3577
Echinostoma liei 117
E. lindoense 117
E. paraensei 117
Elaphostrongylus rangiferæ 752
Enterobius vermicularis 1895
Fasciola 793, 947, 1012, 1327, 1340, 1881, 1890, 1905, 1918, 2471, 2873, 3157, 3613, 4151, 4716-4717, 5569
F. gigantica 756, 1890, 1907, 2032, 2547, 3621, 4147
F. hepatica 280, 583, 756, 1347, 1352, 1907, 1928, 2528, 2803, 3629, 4142, 4411, 4704, 4985, 6285
Fascioloides magna 4985-4986
filariids 252, 1334, 1639, 2822, 2828, 2863, 5848
Filaroides milksi 770
Gastrodiscus aegyptiacus 4131
Gastromermis rosea 2947
Gastrotaenia dogieli 2544, 6463
Gnathostoma spinigerum 4158
Goddardobdella elegans 5935
Haemonchus 1932, 4995
H. contortus 775, 1235, 1306
Halocercus monoceris 63
heartworm 6275
helminths
 in *Agama* 2553
 in cattle 2785
 in *Cervus elaphus* 5008
 in cetaceans 2321
 in *Didelphis marsupialis* 2322
 in dog 1343
 in domestic animals 2787, 5763
 in fish 2341, 2542, 2545, 2800, 3118
 in fowl 6091
 in freshwater fish 2549, 3123
 in *Gazella subgutturosa* 5278
 & hepatitis 134
 in horse 253-254, 573, 4975
 in invertebrates 5504
 in man 1626, 3158, 3624, 4701, 4719, 5748, 5969
 in pig 1303, 2880
 in sheep 2785
 & typhoid 134
 in vertebrates 3119
 in *Zalophus californianus* 274
Hepatojarakus bandicoti 5272
Heterakis 769, 1330

Pathology contd.

Heterakis contd.

- H. gallinae* 788
 & *Ascaridia galli* 1300
 & *Histomonas meleagridis* 6151
H. isolonche 2552
Hexametra quadricornis 4162
Himasthla quissetensis 4714
Hirudinea 2545
hookworm 1320-1321, 1863, 1918, 2535, 2537, 3136, 5251, 5535
 larvae 2576
hydatid 511, 530, 784, 1311, 1335, 1605, 1656, 2268, 2831, 2844, 3334, 3895, 4166, 4952, 4957, 5277, 5747, 6270
Hymenolepis diminuta 5273, 6281
H. microstoma 6283
H. nana 1900
Lamanema chavezii 4163, 4712
Ligula intestinalis 1940
Litomosoides claviformis 401
Lobatosoma manteri 3312
Macracanthorhynchus hirudinaceus 3107
Maritrema subdolium 5261
Marshallagia 1923, 5262
mermithids 2573, 6127
Metastrongylus 2302, 4168-4169
M. apri 1888
Micronema deletrix 2865
Microphallus claviformis 5261
M. similis 2610
Moniezia expansa, antigen 3597
Necator 1326, 4720
N. americanus 1927, 1934, 4424
nematodes
 in cattle 2202, 6048
 in man 4710
 in sheep 2202
Nematodirus 5276, 6357
Nematospirides dubius 785, 1904, 3151
Neoaplectana carpocapsae 4735, 5187
Neoascaris vitulorum 5755, 6271
Nicollina antechini n.sp. 180
Nippostrongylus brasiliensis 4165
Oesophagostomum 259-260, 1299, 3129, 3615
O. radiatum 1897
O. stephanostomum 1615
Onchocerca 4733, 5542
O. armillata 3635
O. flexuosa 2761
O. gutturosa 792
O. lienalis 792
O. volvulus 774, 782, 3041, 3891, 4705-4706, 5746, 6027
Opisthorchis 268, 279, 1325, 1641, 3079, 5268, 5756
 & typhoid 1173
O. felineus 2859, 6289
O. viverrini 2859
Ostertagia 1932, 2569, 3616, 5276
O. circumcincta 3031, 4696, 5250, 5734

Pathology contd.

- Parabronema longispiculatum* 5164
Parafasciolopsis fasciolaemorpha 1902, 1917
Parafilaroides decorus 1082
Paragonimus 1637, 2175, 4422, 4734
P. kellicotti 4726
P. miyazakii 5012
P. ohirai 1292
P. westermani 1291, 4962
paramphistomes 1903, 6048
Paramphistomum 1928
Parascaris equorum 3114
parasites
 in fish 2341
 in man 3126
 in marine fish 97
 in mugilids 105
Parelaphostrongylus tenuis 3415, 4464
Paropisthorchis caninus 5017
Pegosomum egretti 1909
Phocanema 6054, 6265
Pneumostrongylus tenuis 5568
protostrongylids 1044
Protostrongyloides 5260
Protostrongylus shiozawai 5280
Raillietina 776
R. cesticillus 2477
R. tetragona 4723
Raphidascaris acus 4033
Sanguinicola 2923
Schistocephalus solidus 4153
Schistosoma 248, 523, 2230, 2559, 2828, 2856, 3017, 3095, 3124, 3141–3142, 3149, 3387, 3618, 3631, 4136, 4152, 4422, 5754, 5762, 6274
S. bovis 4713
S. haematobium 8, 1308, 1941, 2567, 2575, 3131, 3152, 3372, 3617, 3619, 3626, 4031, 4137, 4262, 4409, 4715, 4963, 5751, 5767, 6267
S. indicum 1347
S. intercalatum 2571
S. japonicum 513, 1023, 1930, 1938, 2485, 2565, 4684
 strains 749
S. mansoni 10, 273, 549, 757, 797, 1017, 1861, 1933, 2556–2557, 2560–2561, 2571, 3152, 3372–3373, 3611, 3617, 3620, 3633, 4145, 4157, 4262, 4700, 4703, 4709, 4725, 4731, 4950, 5267, 5281, 5767, 6223, 6264
 & *Salmonella paratyphi A* 674
S. mattheei 5274
S. nasalis 4729, 5255
Setaria 4733
S. digitata 5283
Seuratium cadarachense 975
sparganum 3637
Sparganum mansonii 2819
Spirocercia 2562
S. lupi 3962, 4146, 4481

Pathology contd.

- Spirometra mansonoides* 4138, 5764
Stephanofilaria 1041
Stephanostomum baccatum 3139
Stephanurus dentatus 1060
strongylids 3632, 4141
Strongyloides 265, 1297, 3135, 3512, 5765
S. papillosus 247, 1296
 & *Clostridium perfringens* 2962
 & *Sphaerophorus necrophorus* 2962
S. ransomi 3125, 5258–5259, 6272
S. ratti 1286
S. stercoralis 762, 1006, 1331, 1657, 2229, 2566, 4709, 4727, 4937, 5256, 5535, 6269
Strongylus 3622, 6259
S. vulgaris 765, 1329, 2283, 4141, 4161
Styphlodora 4167
Syngamus trachea 1351
Taenia hydatigena 1344–1346, 2952
T. pisiformis 5732
T. saginata 1916, 1925
T. taeniaeformis, cysticerci 794
Terranova decipiens 6083
Tetrameres fissispina 2327
Toxocara canis 281, 1298, 1304, 1344–1346, 2493, 2548, 3154–3155, 3680, 4699, 5271, 5516, 6279
trematodes, in gastropods 3625
Trienophorus nodulosus 4033
Trichinella 15, 779, 1341, 1908, 1913, 2551, 3027, 3030, 3087, 3146–3147, 3628, 3640, 3902, 5533, 5756, 5967
T. spiralis 725, 760, 1864, 3121, 3130, 3133, 3144–3145, 3326, 3334, 3619, 4093, 4144, 4148, 4160, 4708, 5961
Trichostrongylus 5276, 5744
T. colubriformis 768, 3116, 3156, 3638
T. retortaeformis 1892
Trichuris 264, 2535, 5284
T. leporis 3153
T. myocastoris 1519
T. suis 1926, 3077, 3140, 3627, 4132, 4721, 5253, 5588
 & bacteria 6152
T. trichiura 557
T. vulpis 761
tropical eosinophilia 5275
Uvulifer ambloplitis 2563, 3148
visceral larva migrans 2214, 2233
Wuchereria bancrofti 855, 2270, 6321
Pavlovskioides prudhoei, n.sp., in fish, in Antarctica, & South Atlantic 5670
Pegosomum egretti, in *Bubulcus ibis*, in India, pathology of liver 1909
P. indicum, to *Episthmium indicum*, n.comb. 2417
P. ixobrychi, in *Ixobrychus minutus*, in USSR (Tadzhikistan), morphology 2338
P. lucknowensis, n.sp., in *Bubulcus ibis*, in India 2417

- Pelichnibothrium speciosum*, in *Alosa sapidissima*, in USA (Pacific), new record (h.) 2344
- Pelodera strongyloides*, in rodents, in Taiwan 6075
- Penaeus*, helminths 1127
- P. brasiliensis*
Parachristianella heteromegacanthus n.sp. 5143
 parasites 5143
Renibulbus penaeus n.g., n.sp. 5143
- P. vannamei*, parasites 5143
- Penarchigetes*
 in *Erimyzon oblongus*
 in USA (South Atlantic)
 new record (h.) 2343
 seasonal variation 6105
- Perca*, *Bunodera luciopercae* 2912
- P. flavescens*
Crassiphiala bulboglossa 640
Philometra cylindracea 1827
- P. schrenki*, *Clinostomum complanatum* 91
- Perch**
 helminths 1387
 Hirudinea 1387
- Percina maculata*, *Piscicolaria reducta* 6476
- Periplaneta americana*, *Moniliformis dubius* 801, 1818
- Peromyscus maniculatus*
 alveolar hydatid 4494
Nematospiroides dubius 5205
- Peru**
Ascaris lumbricoides 4830
Cysticercus cellulosae 3945
 diphyllbothriid larvae 2928
Echinococcus granulosus 597, 4235
Enterobius vermicularis 4830
Fasciola hepatica 2381
 hydatid 3097, 4235
Hymenolepis diminuta 5081
Lamanema chavezii 1472
Paragonimus inca n.sp. 4580
Pseudoeuryzorchis sarmientoi n.g., n.sp. 683
- Perutillimeris culicis*, g. et sp. inq. 6203
- Petasiger*, cercariae, in *Bithynia tentaculata*, in USSR (Lithuania), morphology 1131
- P. (Petasiger) brevicauda*, in *Podiceps griseigena*, in USSR (Kazakhstan), morphology 6179
- P. (Petasiger) lobatus*, in *Podiceps caspicus*, in USSR (Kazakhstan), morphology 6179
- Petaurista petaurista*
Srivastavanema bhagwansinghi n.sp. 189
S. yapi n.sp. 189
- Pharurus**
 key to spp. 1206
 validated 1206
- P. alatus*, synonymy 1206
P. pallisi, synonymy 1206
- Pharyngostomoides procyonis*, ultrastructure of male gonad 5486
- Pheasant**
 aluminium iodide 371
 cyacetazide 2677
Heterakis isolonche 2552
 mebendazole 5418
Syngamus 2325, 5966
S. trachea 1351
 tetramisole hydrochloride 2677
- Pherialis*, *Acanthoparyphium lobatum* 5063
- P. dominica*, *Acanthoparyphium cambellensis* 5063
- Philaemon grandidieri*, to *Tristabdella grandidieri*, n.g., n.comb. 471
- P. minutus*, to *Samoabdella minutus*, n.g., n.comb. 471
- Philaemoninae**, n.subf. 471
- Philippines**
Ancylostoma 903
Ascaris 5373
Capillaria philippinensis 4312
Carmyerius synethes 6035
Carneophallus brevicaca 2763
 cestodes, in goat 943
Dipylidium sexcoronatum 6143
Dirofilaria immitis 5595
 filariids 593
 gastro-intestinal nematodes, in cattle 5586
 helminths, in man 1398
Lubens enigki n.sp. 4584
Oncomelania quadrasi 125, 5096
Ornithostrongylus quadriradiatus 5624
Paragonimus 5080
Schistosoma japonicum 745, 2012, 2648, 3081, 4434, 4941
Setaria digitata 6029
 strongylids 5818
 trichostrongylids 943
Trichostrongylus longispicularis 715
- Philomachus pugnax**
Aploparaksis brachyphallos 6181
Stellocaronema fausti 1216
- Philometra*, in *Euphausia similis*, in Japan, morphology 5095
- P. cylindracea*, in *Perca flavescens*, in USA (East North Central), female redescribed, & morphology of male 1827
- Philometroides huronensis*, n.sp., in *Catostomus commersonnii*, in Canada 4074
- Philophthalmoidea**, n.superf. 1184
- Philophthalmus*, cercariae, in *Melanopsis praemorsa*, in USSR (Georgia), morphology 3527
- P. gralli*, in fowl, in India, morphology 4587
- P. hegneri**
 cercariae, in *Batillaria minima*, in USA (South Atlantic), morphology 4045

- Philophthalmus hegeneri* contd.**
 chromosome number 2156
 metacercariae, morphology 4045
- P. nyrocae***
 cercariae, in *Melanopsis praemorsa*, in USSR (Georgia) 4338
 in fowl, experimental 4338
- P. (Philophthalmus) hegeneri***, in *Tringa glareola*, in USSR (European), new record (g. & h.) 2969
- P. rhionica***
 in fowl, experimental 3836
 in *Melanopsis praemorsa* 3836
 ova, hatching & environmental factors 3677
 parthenitae, ultrastructure of glands 3523
 in rabbit, experimental 3836
- Phlebotomus ariasi***, *Mastophorus muris* 3483
- Phloeosinus dentatus***
Laimaphelenchus phloeosini n.sp. 2190
Panagrobelus phloeosini n.sp. 2186
- P. neomexicanus***, *Nothotylenchus compactus* n.sp. 2187
- Phoca vitulina***
Dirofilaria immitis 3980
Terranova decipiens 6083
- P. vitulina larga***
Corynosoma villosum 64
Diplogonoporus tetraapterus 64
 helminths 64, 2896
Pyramicocephalus phocarum 64
- Phocaena phocaena***, lungworms 1206, 3846
- Phocanema***
 larvae, in man, in USA (Pacific) 516
 in man, in (Pacific), case report 3900
 in pig
 experimental 6054
 haematology & clinical chemistry 6266
 pathology 6265
- P. decipiens***
 development & temperature 5770
 histochemistry & ultrastructure of nervous system 5290
 pseudocoelomocyte 1831
- Phodopus sungorus campbelli***
 alveolar hydatid 5035
 hydatid 5035
- Phoenicopterus ruber***, *Cyathostoma bronchialis* 5970
- Phoenicurus ochruros***, *Skrjabinus lanceatus* 3519
- Pholeter gastrophilus***, in *Steno bredanensis*, in USA (South Atlantic), new record (h.) 2320
- Phoreiobothrium lasium***, in *Alopias vulpinus*, in USA (West South Central), new record (h.) 4523
- Phoxinus eos***
Dactylogyrus chrosomi n.sp. 679
D. eos n.sp. 679
- Phoxinus* contd.**
- P. lagowskii***, *Gyrodactylus konovalovi* n.sp. 5117
- P. phoxinus***
Gyrodactylus aphyae 6156
G. macronychus 6156
- Phryganidia californica***, *Neoapectana carpocapsae* 6142
- Phrynocephalus helioscopus***, *Physaloptera* 6095
- Phthorimaea operculella***, *Hexameris* 5088
- Phyllobothrium delphini***, in *Balaenoptera borealis*, new record (h.) 2898
- Phyllodistomum***, in freshwater fish, morphological variation 4577
- P. cameroni***, synonym of *Phyllodistomum vachius* 2418
- P. mamaevi***, n.sp., in *Cheilinus digrammus*, & *Cephalopholis miniatus*, in Red Sea 4583
- P. scrippsi***, n.sp., in *Pimelometopon pulchrum*, in USA (Pacific) 146
- P. vachius***, in *Heteropneustes fossilis*, in India, morphology & synonymy 2418
- Phylogeny**
Anoplostrongylus (Tupaiostrongylus) liei 699
Aspidogastrea 3837
Cordicauda 3537
Cotylogaster occidentalis 4039
Cyclocoelata 1184
Heligmonella 3537
 helminths 2798
 in Cracidae 70
Hepatojarakus malayae 699
Isancistrum 2398
 monogeneans 2398
Nycteridostrongylus (Petiellus) petersi 699
Paraheligmonina 3537
 Rictulariidae 975
 Seuratoidea 975
Srivastavanema n.g. 189
 Subuluridae 975
Udonella caligorum 1178
- Physa acuta***, controlling *Biomphalaria glabrata* 1763
- P. venustula***, *Fasciola hepatica* 2381
- P. virgata***, *Haematoloechus coloradensis* 3310
- Physaloptera***
 in *Coluber ravergieri*, in USSR (Turkmenia), morphology 6095
 in *Phrynocephalus helioscopus*, in USSR (Turkmenia), morphology 6095
 in wild pig, in USSR (Uzbekistan), morphology 5011
- P. alata***, in *Buteo buteo*, in Spain 2388
- P. erinacei***, n.sp., in *Hemiechinus auritus*, in USSR (Kirgizia) 4619

Physaloptera contd.

- P. maxillaris*, in *Mephitis mephitis*, in Canada, life-cycle, & redescribed 4888
P. (Physaloptera) erinacei, n.sp., in *Hemiechinus auritus*, in USSR (Kirgizia) 4619

- P. praeputialis*, in cat, in Malaysia, local survey 53

Physalopteroidea, key to genera 4060**Physidae**, trematodes 3565**Physiology** (see also Biochemistry; Histochemistry)

- Acanthosentis* 4170
Allopodocotyle lepomis, larvae 154
 alveolar hydatid 4195
Ancylostoma braziliense 968
A. ceylanicum 968
A. tubaeforme, larvae 3543
Angiostrongylus cantonensis, larvae 1152
 anisakids 816, 5770
Anisakis, larvae 2619
A. marina 5770
Apatemon gracilis minor 1574
Ascaridia galli 3450, 5777
Ascaris 6205
 ova 237, 3196
A. lumbricoides 1002, 1368, 6291
A. suum 2598, 2602, 5969, 6298
 ova 6312
Aspicularis tetraptera 4171
Astiotrema trituri 4185
Bothriocephalus gowkongensis 2590, 3649
Brugia pahangi, spermatozoa 468
Caenorhabditis briggsae 3170, 3173, 3177, 4177, 4206-4207, 4753-4754, 4768
C. elegans 206-207, 1967, 1970, 2155, 3162, 4182, 4755, 4903
Capillaria perforans 5297
 cestode larvae 5519
 cestodes 295, 2983
 in vertebrates 4201
Contracaecum osculatum 5770
Cooperia oncophora, larvae 6311
Cysticercus bovis 3530, 3660, 4373
C. cellulosae 6308
C. fasciolaris 4756
Diclidophora merlangi 2767
Dicrocoelium dendriticum 1961, 5655, 5787
 ova 3655
Dictyocaulus viviparus 1957
 larvae 1953, 1968
 larvae & ova 5965
 digeneans 805, 3644
Dipetalonema wite 1956
Diphyllobothrium 4562
D. latum, plerocercoids 1366
Diplostomum 4185
D. spathaceum, cercariae 4178
Echinococcus granulosus 3654

Physiology contd.*Echinococcus granulosus* contd.
scolexes 1944

- E. multilocularis* 821, 3654
Echinoparyphium aconiatum 2593
 cercariae 4178
E. flexum 4183
Echinostoma malayanum 6300
Enoplus brevis 799
Entobdella soleae 2604
Erpobdella octoculata 5488
E. testacea 5488
Eurymeris tuberculata 110
Eurytrema pancreaticum 1961
Euzetrea knoeffleri, oncomiracidia 138
Fasciola 295
F. gigantica, metacercariae 5295
F. hepatica 812, 1368, 1799, 2401, 5928
 metacercariae 5965
 miracidia 2359, 3226
Ganeo tigrinum 819, 4762
Gastrothylax crumenifer 5133
Gigantobilharzia huronensis, miracidia 4574
Gordius robustus 5783
Gorgoderina vitelliloba cercariae 2611
Haemonchus contortus 747, 1578, 1947, 2540, 3163, 6313, 6315
 larvae 1358, 6314
 helminth larvae & ova 4813
 helminth ova, in sewage 2672
 helminths 3545, 4758, 5973
 in animals 4662
 in fish 5774
 Hemiuroidae 2407
Heterakis gallinae 3986
Himasthla quissetensis 1951, 3185
Hirudo medicinalis 985, 3839
 hydatid 2430, 2586, 5287
Hymenolepis diminuta 2585, 2606, 3160, 4758, 5782, 6293-6294, 6316
H. microstoma 1821, 3653, 4599, 4752, 6301
 cysticercoids 3164-3165
H. nana 282, 1368, 3654, 4279, 4351, 4763
 cysticercoids 1355, 2615, 3661
Hyptiasmus oculus
 cercariae 804
 rediae 804
Isoparorchis hypselobagri 2617, 5314
Lepocreadium setiferoides 3185
Leucochloridiomorpha constantiae 4179
Ligula 4562
L. intestinalis 283, 2590
Liorchis scotiae 1960
Lymnaea truncatula 4005
Macracanthorhynchus hirudinaceus 1950
Mehraorchis ranarum 819, 4762
Meiogymnophallus minutus 2589

Physiology contd.

- mermithids 655
Mesocostoides corti 6304
 metacercariae 798
Metastrongylus apri 3174
Microphallus similis 2589
Moniezia expansa 1002
Moniliformis dubius 801, 3531
Necator americanus 2447
 larvae 3543
 nematodes 5768
Nematospiroides dubius 2591, 3656
Neoaplectana carpocapsae 6458
Nippostrongylus brasiliensis 2502, 4117,
 4197, 4667, 6290, 6315
Onchocerca volvulus 3167
Opisthorchis felineus 1961
Ostertagia ostertagi, larvae 6311
Panagrellus redivivus 1974, 2588
P. silusiae 3172
Paramphistomum cervi 1960–1961
Philophthalmus rhionica, ova 3677
Phocanema decipiens 1831, 5290, 5770
Posthodiplostomum minimum, cyst 218
Railletina tetragona 1261
Reesimermis nielsenii 4175
Rhabditis strongyloides 4764
Schistocephalus solidus, plerocercoids
 2581
Schistosoma 295
 miracidia 5772
 sporocysts 5772
S. haematobium 4202
 cercariae 2599, 6296
S. incognitum
 cercariae 3659
 miracidia 3659
 ova 3659
S. intercalatum 5799
S. japonicum 2603, 4750, 4771
S. leiperi 5799
S. mansoni 1802, 1813, 2614, 2616,
 2668, 2685, 2766, 4276, 4634
 cercariae 291, 301, 691, 1943, 2596,
 2599–2600, 6296
 miracidia 824, 1798, 5315
S. margrebowiei 5799
S. mattheei, cercariae 6296
S. nasalis, cercariae 1959
Schistosomatum douthitti, miracidia
 4574
 schistosomes 3057
 schistosomula 2744
Spirocerca erinacei 4974
Spirometra 4562
Strongyloides fuelleborni 1949
S. pillosus, larvae & ova 5970
Strongylus 2194
 larvae & ova 4209
Syngamus trachea 1566
Syphacia muris, ova 4746–4747
Taenia crassiceps 4744

Physiology contd.

- Taenia* contd.
T. pisiformis, ova 3667
T. saginata 3530
 ova 5321
Tremiorchis ranarum 819, 4762
Triaenophorus nodulosus 2590
Trichinella 409, 1372
 larvae 1971
T. spiralis 1896, 4176, 4181, 4204, 4766,
 6293
 larvae 1946
Trichonema 2194
Trichuris suis 2769
Turbatrix aceti 800, 1361, 2130, 2588,
 5293, 5308
Xiphidiocercaria VII 4185
Physocephalus sexalatus
 in beetles, in USSR (Georgia), new
 records (h.) 3498
 in pig, in USSR (Belorussia) 1692
Phytobdella catenifera, to *Malayabdella*
catenifera, n.g., n.comb. 471
P. lineata, to *Conphytohdella lineata*, n.g.,
 n.comb. 471
P. moluccensis, to *Moluccabdella*
moluccensis, n.g., n.comb. 471
Pica pica
Anomotaenia constricta 2429
Dilepis brachyarthra 2428
Lyperosomum alagesi 2403
Pig
 alveolar hydatid 4030
Anisakis 6054, 6265–6266
 anthelmintics 1510, 2729, 4254, 4374,
 4819
Ascaris 1322, 1440, 3155, 3259, 5199,
 5252, 5589, 6055
 & bacteria 4563
 & *Balantidium* 1505
 & viruses 4563
A. suum 589, 1060, 1062, 2170, 2441,
 2736, 2881, 3120, 4099, 4155–4156,
 4375, 4675, 4730, 5350, 5500, 5724
 & bacteria 1171
Ascarops strongylina 1324, 1692, 6282
 Bubulin 5390, 5394
 cambendazole 3803, 4818, 4847, 5844,
 5853, 6421
Capillaria erinacei 4473
C. papuensis n.sp. 2438
Clonorchis sinensis 590, 592
 copper sulphate 1470
Cysticercus 129, 667–668, 1783, 2008,
 5525, 5591
C. cellulosae 3056, 3941, 3945, 4472,
 4474, 5521, 5760
 & *Sarcocystis miescheriana* 2395
C. ovis 4030
C. tenuicollis 590, 4030, 5101, 5771
 destonate-20 6393
 dichlorvos 1464

Pig contd.

- Dicrocoelium dendriticum* 5787
 dithiazanine iodide 5394
Fasciola 3106
Fascioloides magna 6332
 fenbendazole 395, 2047, 2696, 4265, 4370
 gastro-intestinal helminths 482
 gastro-intestinal nematodes 4370, 4868, 5965, 6056
 gastro-intestinal strongyles 316
Globocephalus urosululatus 1780
Gnathostoma doloresi 6052
 haloxon 6425
 helminths 46–47, 270, 334, 673, 1158, 1161, 1303, 1693–1694, 1788, 2572, 2880, 3426, 3947, 3949, 4269, 4296, 4374, 4711, 5109, 5659, 5959, 5963, 5966, 6051, 6057, 6059–6060, 6387
 hydatid 1061, 1418, 1460, 2953, 4030, 4557, 5103, 5224
 hygromycin B 4867, 5864, 6392
Hyostrogylus rubidus 1692, 3138, 3951, 4475, 5234, 6056
 levamisole 366, 2050, 4293
 levamisole hydrochloride 422, 3269
Macracanthorhynchus hirudinaceus 3107
 mebendazole 875, 902, 4300
 mepacrine hydrochloride 5962
 metastrongyles 6450
Metastrongylus 1005, 2302, 3105, 4168–4169, 5963
M. apri 1888, 2764
M. elongatus 45
M. pudendotectus 45
 methyl 5 (6)-phenylsulphinyl-2-benzimidazolecarbamate 2031
 nematodes 320, 591, 1064, 2300–2301, 3946, 3948, 4374, 5107, 5590, 5966, 6335
 niridazole 4848
Oesophagostomum 259–260, 1299, 1313, 1322, 3129, 5589, 6055
O. columbianum 1373
O. dentatum 1373, 4070, 4375
O. granatensis 4070
O. quadrispinulatum 4070
O. radiatum 1373
 parasites 4926
 parbendazole 3747, 5873
 phenothiazine 1470
Phocanema 6054, 6265–6266
Physocephalus sexalatus 1692
 piperazine 2729, 5962, 6391
 piperazine adipate 1470
 piperazine hexahydrate 4825
 pyrantel tartrate 4274
 pyrantel plus tetramisole 6402
Stephanurus dentatus 1060, 1690, 6260
 strongyles 1440, 3272

Pig contd.

- Strongyloides ransomi* 1246–1247, 1249, 1282, 2151, 2881, 3125, 3427, 5010, 5258–5259, 5354, 6272
 & bacteria. 4034
S. stercoralis 1691
 Suiverm 4375
Taenia hydatigena 3566
T. solium 3566
 technique for detecting, *Trichinella spiralis* 447
 technique for diagnosing, helminths 449
 tetramisole 1546, 3263, 3272
 tetramisole hydrochloride 1471, 4374–4375, 5873
 thiabendazole 2061, 2116, 3272, 4274, 5394, 6391
 toxicity, of haloxon 6425
Toxocara canis 3155
Trichinella 351, 1842, 2008, 2750, 2806, 3307, 3354, 3595, 3696, 3827, 4083, 4111, 5199, 5657, 5922, 6211, 6329
T. spiralis 1872, 2520, 3054–3055, 3058, 3094, 3159, 3331, 3508, 3536, 3950, 4078, 4630, 4678, 4708, 6058, 6239
 & *Sarcocystis miescheriana* 2395
 trichlorphon 3233, 5390, 5394, 5873, 5971
Trichuris 264, 1322, 1333, 1689, 3534, 5009, 5589, 6055
 & *Balantidium* 1505
T. suis 235, 1220, 1233, 1254, 1323, 1350, 1926, 3042, 3077, 3140, 3559, 3585–3586, 3627, 4132, 4721, 5253, 5588
 & bacteria 2803, 6152

Pig, wild

- Brachylaemus suis* 44
 helminths 47, 1063
Metastrongylus 2882
Physaloptera 5011
 tetramisole hydrochloride 5870

Pigeon

- Ascaridia columbae* 5064
 ascariids 6089
 helminths 4509
Ornithostrogylus quadriradiatus 5624
 tetramisole hydrochloride 938

Pike

- helminths 1120
 Hirudinea 1120
Pila globosa, *Diplodiscus mehrai* 1809
P. scutata, *Angiostrongylus malaysiensis* 6007
Pillarsium owenium, in *Carcharhinus leucas*, in USA (West South Central), new record (g. & h.) 4523
Pilum pilum, n.g., n.sp., in freshwater fish, in USA 5159
Pimelia sulcata, *Anomotaenia constricta* 2429

- Pimelometopon pulchrum***
Neobenedeniagirellae 146
Phyllodistomum scrippsi n.sp. 146
- Pimephales*, *Dactylogyrus bychowskyi*** 679
- Pinnipeds*, helminths** 5614, 6082
- Pipilo erythrophthalmus*, *Lyperosomum byrdi*** n.sp. 148
- Pipistrellus nanus*, *Allintoschius dunni*** n.sp. 702
- Piratuba queenslandensis***, to *Piratuboides queenslandensis*, n.comb. 176
- P. varanicola***, to *Piratuboides varanicola*, n.comb. 176
- P. zeae***, to *Piratuboides zeae*, n.g., n.comb. 176
- Piratuboides queenslandensis***, n.comb., for *Piratuba queenslandensis* 176
- P. varanicola***, n.comb., for *Piratuba varanicola* 176
- P. zeae***, n.g., n.comb., for *Piratuba zeae* 176
- Piscicola***, in *Acipenser baeri*, in USSR (Siberia), incidence 636
- P. punctata***, in *Salmo salar*, in Canada, incidence 3994
- Piscicolaia reducta***, in freshwater fish, in USA (West North Central), new records (h.) 6476
- Piscicolidae***, in USA, key to spp. 4907
- Pityogenes carinulatus*, *Bursaphelenchus pityogeni*** n.sp. 2189
- Pityokteines*, *Aphelenchoides pityokteini*** n.sp. 2189
- P. elegans*, *Berntsenus labiosus*** n.sp. 2180
- Pityophthorus***
Contortylenchus pityophthori n.sp. 2182
Cryptaphelenchus ipinius n.sp. 2190
Ektaphelenchus smaelus n.sp. 2190
Parasitylenchus senicus n.sp. 2182
- Placobdella***
haemoglobin subunits 984
in USA (West South Central) 5487
- P. multilineata***, morphology 5934
- P. nuchalis***, n.sp., in USA (South Atlantic) 5934
- P. papillifera***, morphology 5934
- P. translucens***, n.sp., in USA (South Atlantic) 5934
- Plagioporus***, in freshwater fish, morphological variation 4577
- P. antarcticus***, to *Neolebouria antarcticus*, n.g., n.comb. 5671
- P. cynoglossi***, n.sp., in *Cynoglossus lida*, in India 5674
- P. multilobatus***, to *Hamacreadium multilobatum*, n.comb. 5674
- P. pennelli***, redescribed 5671
- P. shawi***
in arthropods, in USA (Mountain), life-history 2760
in freshwater fish, in USA (Mountain), life-history 2760
- Plagioporus shawi* contd.**
n.comb., for *Podocotyle shawi* 2760
- Plagiorchia***
sporocysts
biochemistry of mantle cells 3650
in molluscs, development & evolution 2754
- Plagiorchis blattensis***, synonym of *Plagiorchis elegans* 1196
- P. castoris***, synonym of *Plagiorchis elegans* 1196
- P. cirratus***, synonym of *Plagiorchis elegans* 1196
- P. elegans***
in birds, host specificity & life-cycle 463
cercariae, chaetotaxy 3524
in lizard, in USSR (Ukraine), new records (h.), & synonymy 1196
in rodents, in USSR (Ukraine), new records (h.), & synonymy 1196
- P. eutamiatis***, synonym of *Plagiorchis elegans* 1196
- P. eutamiatis tschelabinski***, n.subsp., in *Ondatra*, in USSR 1194
- P. eutamiatis zibethicus***, synonym of *Plagiorchis elegans* 1196
- P. fastuosus***, cercariae, chaetotaxy 3524
- P. laricola***
in birds, in USSR, morphology 684
synonym of *Plagiorchis elegans* 1196
synonymy 684
- P. lenti***, in *Leptodactylus ocellatus*, in Uruguay, morphology 5130
- P. maculosus***
in chiromomids, in Poland 2945
in *Corvus*, in USSR, morphology 2403
synonym of *Plagiorchis elegans* 1196
- P. megalorchis***, synonym of *Plagiorchis laricola* 684
- P. mentulatus***, synonym of *Plagiorchis elegans* 1196
- P. (Metaplagiorchis) taiwanensis***, n.sp., in *Takydromus septentrionalis*, in Taiwan 2406
- P. momplei***, cercariae, chaetotaxy 3524
- P. (Multiglandularis) macrobursatum***, in *Talpa europaea*, in Austria, new record (g. & h.) 5040
- P. (Multiglandularis) mentulatus***, in *Lacerta*, in Rumania, new record (g.) 6096
- P. muris***, synonym of *Plagiorchis elegans* 1196
- P. mutationis***, synonym of *Plagiorchis laricola* 684
- P. noblei***
in birds, experimental infection, & host specificity 1565
in rodents, experimental infection, & host specificity 1565
- P. (Plagiorchis) molini***, in *Lacerta*, in Rumania, new record (g.) 6096

Plagiiorchis contd.

P. proximus, synonym of *Plagiiorchis elegans* 1196

P. pseudofastuosus, n.sp., in *Tringa totanus*, in USSR (European) 2969

P. raabei, synonym of *Plagiiorchis elegans* 1196

P. stefanskii, synonym of *Plagiiorchis elegans* 1196

P. stunkardi, n.sp., in *Chamaeleon zeylanicus*, in India 5666

P. taiwanensis, n.sp., in *Takydromus septentrionalis*, in Taiwan 2406

P. vespertilionis

in *Myotis myotis*, in Spain 65

in *Rhinolophus ferrumequinum*, in Spain 65

Plagioscion auratus, *Dichelyne spinicaudatus* n.sp. 198

Plagitura eburnense, n.comb., for *Haplometroides eburnense* 5669

Planaxis sulcatus, *Lobatostoma manteri* 3312

Plankton, helminth larvae 3486

Planorbarius corneus

Ascaris 1412

Heterakis 1412

Moreirastrongylus andersoni 3835

P. metidjensis

Schistosoma bovis 4017

S. haematobium 120

Planorbrids, trematodes 3492

Planorbis, *Posthodiplostomum cuticula* 3203

P. carinatus, *Posthodiplostomum cuticula* 3203

P. planorbis

Calicophoron erschowi 2149

Dendritobilharzia pulverulenta 5126

Diplodiscus subclavatus 123

Liorchis scotiae 1134, 4212

Paralepoderma brumpti 5125

P. cloacicola 5125

P. progeneticum 5125

trematode larvae 3587

P. sieversi, *Gastrothylax crumenifer* 3211

Plasmiorchis, diagnosis emended, & key to spp. 5672

P. orientalis, in *Kachuga sylhetensis*, in India, new record (h.), redescribed, & synonymy 5672

P. pellucidus, synonym of *Plasmiorchis orientalis* 5672

P. stunkardi, in *Kachuga sylhetensis*, in India, redescribed 5672

Platax orbicularis

Benedenia orbicularicola n.sp. 4035

B. plataxicola n.sp. 4035

Platynosomum fastosum

in cat, in Australia, exotic infection 5026

in *Macaca fascicularis*, in Malaysia 24

Platynotrema lophurae, n.sp., in *Lophura swinhoii*, in Taiwan 4575

Platyrrhinoides triseriata, *Prochistianaella minima* n.sp. 164

Plectonchus, diagnosis emended 2192

P. molgos, n.sp., in *Hylurgops subcostulatus*, in USA 2185

Plectropomus leopardus, *Rhipidocotyle clavivesciculum* n.sp. 1187

Pleronybelinia, suppressed 164

Plethorichis acanthus, n.g., n.sp., in *Mugil cephalus*, in Australia 1804

Pleurocera canaliculatum, *Cercaria stephanocauda* 5480

Pleurocerus puriensis, n.sp., in *Trichurus*, in India 1203

P. tandoni, n.sp., in *Sciaena*, in India 1203

Pleurogenoides medians, in Odonata, in USSR (Ukraine), new records (h.) 3493

Pleurogrammus azonus, *Pseudobunocotyla yamagutii* n.sp. 5673

Pleuronectes platessa

helminths 6109

nematodes 2479

Pleuropsolus singhi, n.sp., in *Corvus splendens*, in India 2417

Ploceus cucullatus, *Aprocta cylindrica* 2203

Pneumonia, & *Strongyloides*, in sheep, pathology 265

Pneumostrongylus tenuis, in *Rangifer tarandus tarandus*, in Canada, outbreak 5568

Podiceps auritus

Capillaria podicipitis 4605

Tatria jubilaea n.sp. 166

P. caspicus, *Petasiger (Petasiger) lobatus* 6179

P. griseigena

Capillaria ryjickovi n.sp. 4605

Petasiger (Petasiger) brevicauda 6179

P. ruficollis

Capillaria podicipitis 4605

Tatria jubilaea n.sp. 166

Podocnemis lewyana, *Neodeuteroberis pritchardae* n.g., n.sp. 6166

Podocotyle, in marine fish, in Atlantic, differentiation of spp. discussed 4076

P. olssoni, synonym of *Podocotyle reflexa* 4076

P. reflexa, synonymy 4076

P. shawi, to *Plagioporus shawi*, n.comb. 2760

Poecilobdella granulosa, phosphatase distribution in gut 3324

Pogonichthys macrolepidotus, *Metabronema salvelini* 2344

Poland

Amidostomum anseris 4217

Apophallus donicus 2425

A. muehlingi 2425

Ascaris lumbricoides 2234, 5552, 5964

Poland contd.

- Bothriocephalus gowkongensis* 2925
 cestode larvae, in oribatid mites 4552
 cestodes
 in Anseriformes 5972
 in dog 2062
 in invertebrates 5972
 in man 5911
Cyathostoma bronchialis 5970
Cysticercus 2008
C. bovis 3941, 4373
C. cellulosae 3941
Dactylogyrus 2683
Dendritobilharzia pulverulenta 5126
Dictyocaulus 376, 2115
Diplostomum 1739
Enterobius 2070
E. vermicularis 1644, 1655, 5964
Fasciola 2037, 2106, 3412
F. hepatica 376, 3629, 5835, 5965
 gastro-intestinal helminths
 in fowl 5966
 in man 1630
 in pig 2061
 gastro-intestinal nematodes
 in cattle 2115
 in pig 2116, 5965
 in sheep 376, 2115, 5877
Glossiphonia heteroclita 2159
 helminths
 in *Alburnus alburnus* 5966
 in animals 5974
 in *Capreolus capreolus* 2294
 in cat 5966
 in cattle 2572
 in *Cervus elaphus* 2294
 in dog 5966
 in fish 4375
 in fowl 4375
 in freshwater fish 5966
 in freshwater & marine fish 1121
 in Hirudinea 5973
 in man 1621, 3917, 5964, 5969, 5974
 in pig 2572, 4374, 5966
 in ruminants 3944
 in sheep 2572, 2676
 in *Sturnus vulgaris* 5973
 Hirudinea 5966
 hydatid 1061, 2816
 hymenolepidids 3984
Hymenolepis 5968
H. nana 5964
Khawia sinensis 2925
Ligula 2911
 liver-fluke 5877
 lungworms 5966
Moniezia 2115, 4373
M. expansa 4991
 monogeneans 4375
 nematodes
 in cattle 5835, 5965
 in fox 1701

Poland contd.

- nematodes contd.
 in insects 5973
 in *Lygus rugulipennis* 1754
 in pig 1064, 1464, 1470, 4374, 5966
 in ruminants 2071
 in sheep 1458, 1471, 4270, 4834, 5966
Neoscaris 4375
Paramphistomum 3414
 parasites 5964
 in freshwater fish 5972
 parasitology 5974
Plagiorchis maculosus 2945
Pristionchus uniformis 1754
 protostrongylids 1147, 3277
Strongyloides 4948
S. stercoralis 2845
Syngamus 2325, 5966
Syphacia, n.sp., [not named or described]
 5686
S. obvelata 1708
S. petrusewiczii n.sp. 5686
Taenia 5964
 & parasites 2659
T. saginata 1991, 2512, 3363, 3608, 5911
Thelazia rhodesii 6395
Toxocara canis 2247
Trichinella 1908, 2008, 2241, 2384, 3134,
 3199, 5406
T. spiralis 3326, 5967
Trichostrongylus 20
Trichuris myocastoris 1519
T. trichiura 5964
Pollachius virens, *Grillotia erinaceus* 6108
Polygraphus hoppingi
Aphelenchoides polygraphi n.sp. 2189
Parasitorhadditis cluniculus n.sp. 2183
Parasytlenchus parasitus n.sp. 2182
Polyipnicola argentinae, n.sp., in *Argentina*
elongata, in Indian Ocean 6162
P. macrovarium, n.g., n.sp., in *Polyipnus*
spinosus, in Indian Ocean 6162
Polyipnus spinosus, *Polyipnicola*
macrovarium n.g., n.sp. 6162
Polyomorphus
 in aquatic birds, in USSR (Kazakhstan),
 ecology of intermediaries 5082
 in invertebrates, in USSR (Kazakhstan)
 5082
P. cincli, in *Anisogammarus*, in USSR (Far
 East), new record (h.) 119
P. minutus, in *Fulica americana*, in USA,
 new record (h.) 6088
Polyorchis penicillatus, *Lepocreadium* 651
Polystoma, in amphibians, morphology,
 compared 136
P. batchvarovi, n.sp., in *Hyperolius*
tuberculatus, in Central African Republic
 137
P. gabonensis, in *Hylarana albolabris*
albolabris, in Central African Republic,
 new record (g.) 137

Polystoma contd.

- P. hakgalense*, n.sp., in *Rhacophorus cruciger eques*, in Sri Lanka 5696
- P. llewellyni*, n.sp., in *Afraxalus fulvovittatus leptosoma*, in Central African Republic 137
- P. prudhoei*, in *Ptychadoena oxyrhynchus*, in Central African Republic, new record (g.) 137
- P. viridis*, n.sp., in *Bufo viridis*, in Bulgaria, & Corsica 136
- Polystomoides ludhiana*, n.sp., in *Kachuga smithi*, & *Kachuga tectum*, in India 2397
- P. stewarti*, n.sp., in *Hardella thurgi*, in India 1180
- Pomadasyas olivaceum*, *Olivacreadium phyllorchis* n.g., n.sp. 4572
- Pomoxis nigromaculatus*, *Contracecum brachyurum* 2344
- Pomphorhynchus*, graphical analysis of proboscis hook characteristics 2988
- P. kostylewi*, morphology 1121
- P. laevis*
in *Cottus gobio*, in Britain, ecology & seasonal variation 2632
in freshwater fish
in Britain, population dynamics 2346
distribution in alimentary canal 4210
in *Noemacheilus barbatulus*, in Britain, ecology & seasonal variation 2632
- Pontobdella rapax*, to *Austrobdella rapax*, n.comb. 4907
- Pontochona*, synonym of *Hepatochona* 4066
- Porrocaecum**
in *Gadus morhua*, experimental infection 4934
in *Gyps africanus*, in Kenya 4514
- P. angusticolle*, synonymy 5181
- P. haliasuri*, synonym of *Porrocaecum angusticolle* 5181
- Porrocaecum skrjabini*, life-history 964
- Porrorchis hylae*, in *Boiga trigonata*, in India, morphology of juveniles 3532
- P. indicus*, in *Centropus*, in India, redescribed 3532
- Portugal**
Schistosoma bovis 4017
S. haematobium 120
Stephanostomum pristi 3998
trematodes 3340
Trichinella 324
- Postharmostomum gallinum**
in *Bradybaena semenovi*, in USSR (Uzbekistan) 5482
in *Euomphalia rubens*, in USSR (Uzbekistan) 5482
in *Jaminia potaniniana*, in USSR (Uzbekistan) 5482

Posthodiplostomum cuticula

- in birds, in USSR, age & seasonal variation 3203
- in fish, in USSR, age & seasonal variation 3203
- in *Planorbis*, in USSR, age & seasonal variation 3203
- in *Planorbis carinatus*, in USSR, new record (h.) 3203
- P. minimum**
in *Lepomis gibbosus*, in USA (West North Central) 4529
in *Lepomis macrochirus macrochirus*, in USA (West North Central) 4529
origin of cyst wall 218
- P. minimum centrarchi**
in *Butorides virescens virescens*, in USA (West South Central), new record (h.) 4893
metacercariae, in freshwater fish, in USA (West South Central) 4893
- Postorchigenes srivastavai*, n.sp., in *Calotes versicolor*, in India 2976
- Potamocarcinus richmondi*, *Paragonimus* 4579
- Potamocypris almasyi caspica*, *Sobolevicanthus gracilis* 4056
- Potamon dehaani**
Paragonimus 109
P. miyazakii 2937, 5644
- Potamopyrgus antipodarum*, digeneans 5752
- Potorous apicalis*, *Calostaurus mundayi* n.sp. 162
- Praomys (Mastomys) natalensis*, *Schistosoma mansoni* 4745
- P. natalensis**
Schistosoma leiperi 1572
S. margrebowiei 1572
- Pricetrema*, in *Vulpes vulpes schlenckii*, in Japan, new record (g.) 151
- Primates, helminths 4426
- Prionosomoides taiwanensis*, n.sp., in *Geoclemys reevesii*, Taiwan 2406
- Pristionchus uniformis**
in *Leptinotarsa decemlineata*
biological control agent 1760
cellular reaction 1856
host egg-laying & hatching 5254
in Poland, biological control agent 1754
- Proalarioides lucknowensis*, n.sp., in *Tropidonotus piscator*, in India 2416
- P. tropidonotis**
in *Naja naja*, in India, morphology 5667
in *Tropidonotus piscator*, in India, morphology 5667
- Probolitrema*, synonymy 5670
- P. richiardi*, redescribed, & synonymy 5670
- Probstmayria*, key to spp. 6196

- Probstmayria** *contd.*
P. gombensis, n.sp., in *Pan troglodytes schweinfurthii*, in Tanzania 6196
- P. vivipara**
 in donkey
 life history 962
 in USSR (Uzbekistan)
 chemotherapy 5825
 incidence 962, 5566
 in equines, in USSR (Uzbekistan),
 endocyclic development 29
 in horse, in USSR (Uzbekistan), incidence
 962, 5566
- Procamallanus clarias**, in *Clarias batrachus*,
 in Malaysia 4622
- P. fukiensis**, n.sp., in *Parasilurus asotus*, in
 China, life-cycle 5695
- P. parvulus**, n.sp., in *Clarias batrachus*, in
 Malaysia 4622
- Prochilodus reticulatus**, *Unicoelium*
prochilodorum n.g., n.sp. 1198
- Prochristianella fragilis**, n.sp., in *Rhinobatos*
productus, in USA (Pacific) 164
- P. hispida**
 n.comb., for *Rhynchobothrium hispidum*
 4592
 synonymy 4592
- P. micracantha**, n.sp., in *Dasyatis lata*, in
 Hawaii 5141
- P. minima**, n.sp., in *Platyrrhinoides triseriata*,
 & *Urolophus halleri*, in USA (Pacific)
 164
- P. penaei**, synonym of *Rhynchobothrium*
hispidum 4592
- P. tenuispine**, in *Dasyatis sabina*, in USA
 (West South Central), new record (h.)
 4523
- P. tumidula**, n.comb., for *Rhynchobothrium*
tumidulum 4592
- Procyon lotor**
Capillaria procyonis n.sp. 2442
Echinostoma revolutum 1159
Trichinella pseudospiralis 5597
- Prodontorhabditis**, taxonomy 5183
- Prohemistomum babai**, synonym of
Herpetodiplostomum caimancola 2405
- Proleptus uca**, n.comb., for *Rhabdochona*
uca 4066
- Proparuterina lali**, n.sp., in *Passer*
domesticus, in India 4590
- Prophylaxis** (see also Control)
Ascaris 6055
Avitellina 6383
Fasciola 5875
 filariids 2511
 helminths
 in animals 3602
 in man 3600
 in pig 6059-6060
Moniezia 6383
Oesophagostomum 6055
Schistosoma 2511, 5436
- Prophylaxis** *contd.*
Thysaniezia 6383
Trichuris 6055
- Prosimulium alpestre**
Gastromermis bobrovae n.sp. 490
Mesomermis parallela n.sp. 488
- P. fuscum/mixtum**, *Neomesomermis*
flumenalis 3478
- P. mixtum/fuscum**
Isomermis wisconsinensis 644
Neomesomermis flumenalis 644
- Prosorhynchinae**, synonymy 5136
- Prosorhynchoides**, synonymy 5136
- P. gracilescens**, n.comb., for *Distoma*
gracilescens 5680
- Prosorhynchus squamatus**, in
Hippoglossoides platessoides, in Canada,
 new record (h.) 1122
- Prostotocus baughi**, n.sp., in *Rana tigrina*, in
 India 2416
- P. confusus**, metacercariae, in Odonata, in
 USSR (Ukraine), new records (h.) 1138
- Prosthogonimus**, revised 2973
- P. anatinus**, in fowl, in China (South),
 intermediate hosts, & morphology 2973
- P. cuneatus**
 in *Anas discors*, in Canada, new record
 (h.) 1733
 in fowl, in China (South), intermediate
 hosts, & morphology 2973
 & *Prosthogonimus ovatus*, in Corvidae,
 incidence, & antagonism 4515
- P. ovatus**, & *Prosthogonimus cuneatus*, in
 Corvidae, incidence & antagonism 4515
- Prosungulonea**
 synonym of *Johnstonmawsonia* 4066
 taxonomy 705
- Protancyrocephalus rangusi**, n.sp., in
Lutjanus rangus, in India 140
- Protamnodon agilis**
Fuhrmannodes talboti n.sp. 1819
Wallabicestus swersi n.g., n.sp. 1819
- Proteocephalids**, in *Amblyopsis spelea*, in
 USA 5972
- Proteocephalus**
 & *Acanthocephalus jacksoni*, in *Semotilus*
atromaculatus, aberrant association
 828
 in *Pungitius pungitius*, in Canada 3992
 in *Rana arfarki*, in New Guinea, new
 record (g.) 1819
- P. buplanensis**, n.sp., in *Semotilus*
atromaculatus, in USA (West North
 Central) 4055
- P. niuginii**, n.sp., in *Rana arfarki*, in New
 Guinea 1819
- P. pamirensis**, n.sp., in *Nemachilus*
stoliczkai, in USSR (Tadzhikistan) 4594
- P. singularis**, in *Lepisosteus tristoechus*, in
 Cuba, morphology 5681
- Protofasciola robusta**, in *Loxodonta*
africana, in Britain, zoo 6084

- Protopolystoma xenopodis*, in *Xenopus laevis*, life-cycle & morphology 2967
- Protopolystomatidae**, ciliated cell distribution, discussed 2967
- Protorhabditis*, taxonomy 5183
- Protostrongylid larvae**, in faeces, technique for detecting, compared 452
- Protostrongylidae**, morphology & taxonomy, (monograph) 2169
- Protostrongylids**
 in *Cervus elaphus maral*, in USSR (Kazakhstan), pasture rotation & thiabendazole 2076
 in goat
 in USSR (Kirgizia), local survey 5572
 in USSR (Uzbekistan), incidence 32
 in molluscs
 in USSR 1128, 6375
 in USSR (Kazakhstan) 2076
 in USSR (Kirgizia) 6374
 in sheep
 diagnosis 452, 4374
 general account 1044
 in Poland, tetramisole hydrochloride 3277
 in USSR (Azerbaïdzhan), local distribution 311
 in USSR (Kirgizia), local survey 5572
 in USSR (Uzbekistan), incidence 32
 in snails, in Poland 1147
- Protostrongyloides*, in antelope, in Spain, zoo, cerebrospinal infection 5260
- Protostrongylus**
 in *Capricornis crispus*, morphology 708
 in goat, in USSR (Kirgizia), tetramisole hydrochloride 6359
 in *Ovis canadensis canadensis*, in USA (Mountain), seasonal variation 5808
 in sheep
 in USSR (European), chemotherapy 5423
 in USSR (Kirgizia), tetramisole hydrochloride 6359
- P. (Davtianostongylus) shiozawai*, n.sp., in *Capricornis crispus*, in Japan 1215
- P. hobmaieri*
 in molluscs, in USSR (Kazakhstan), development, & host range 1573
 in sheep
 in USSR (Kazakhstan)
 age & seasonal variation 1385
 distribution, & epizootiology 1049
- P. kochi*
 synonym of *Protostrongylus rufescens* 2169
 in terrestrial molluscs
 in USSR 2366
 in USSR (European)
 development, & incidence 2936
 development time 5086
- P. (Kochostongylus)*, suppressed 2169
- P. (Pulmostongylus)*, n.subg. 2169
- Protostrongylus** *contd.*
P. rufescens
 in sheep, in Iran, fenbendazole 6365
 synonymy 2169
- P. shiozawai*
 n.sp., in *Capricornis crispus*, in Japan 1215
 in *Capricornis crispus*, in Japan, pathology of lung 5280
- Protozoa**
 & helminths
 in *Gallus gallus*, synergism 1175
 in man
 in India 2394
 synergism 1175
 in *Rattus norvegicus*, synergism 1175
 in *Sus scrofa*, synergism 1175
- Prunella collaris nipalensis*
Capillaria exilis 6087
C. ovopunctata 6087
Thominx rigidula 6087
- Psenes indicus*, *Heterobothrioides psenesi* n.g., n.sp. 6162
- Pseudaliinae**, key to genera 1206
- Pseudanthocotyloides heterocotyle*, morphology & synonymy 5972
- Pseudapatemon tiaratus occidentalis*, n.subsp., in *Capella gallinago*, in USSR (European) 2969
- Pseudemys dorbignyi*, *Telorchis achavali* n.sp. 5129
- P. elonae*, *Spirorchis elegans* 1104
- Pseudhymenolepididae**, n.fam., for Pseudhymenolepidinae, Joyeux & Baer, 1935 2200
- Pseudhymenolepidinae**, Joyeux & Baer, 1935, to Pseudhymenolepididae, n.fam. 2200
- Pseudoaviculariella srivastavai*, n.g., n.sp., in *Egretta garzetta*, in India 193
- Pseudobenedenia**, in part, to *Parabenedenia*, n.g. 5670
- P. nototherniae*, redescribed 5670
- P. shorti*, to *Pseudobenedenoides shorti*, n.comb. 5670
- Pseudobenedenoides branchiola**, synonym of *Pseudobenedenoides shorti* 5670
- P. shorti*
 n.comb., for *Pseudobenedenia shorti* 5670
 synonymy 5670
- Pseudobunocotylya nototherniae*, n.sp., in *Notothenia macrocephala*, in Pacific 5673
- P. yamagutii*, n.sp., in *Pleurogrammus azonus*, in Sea of Japan 5673
- Pseudocephalotrema pyrenaica*, cercariae, chaetotaxy 6164
- Pseudochauhanaea mexicana*, n.sp., in *Sphyræna ensis*, in Mexico 6155
- Pseudochiorchis lucknowensis*, n.sp., in *Kachuga kachuga*, in India 2416

- Pseudocittotaenia bequaerti*, n.comb., for *Cittotaenia bequaerti* 6185
- P. megasacca*, n.comb., for *Cittotaenia megasacca* 6185
- P. rhea*, n.comb., for *Cittotaenia rhea* 6185
- Pseudodiplostomum alcedense*, synonymy 2405
- P. fraterni*, synonym of *Pseudodiplostomum alcedense* 2405
- Pseudoeuryorchis sarmientoi*, n.g., n.sp., in *Seriolella violacea*, in Peru 683
- Pseudofilaria giraffae*, n.sp., in *Giraffa camelopardalis*, in Tanzania 3542
- Pseudogrillotia basipunctata*, n.sp., in *Carcharhinus amblyrhynchus*, in Hawaii 5141
- Pseudogrillotiidae*, diagnosis emended 5141
- Pseudohaliotrematoides bengalensis*, n.sp., in marine fish, in India 140
- Pseudohurleytrema malabonensis*, to *Hurleytrema malabonensis*, n.comb. 5678
- P. otto*, synonym of *Hurleytrema shorti* 5678
- P. shorti*, to *Hurleytrema shorti*, n.comb. 5678
- Pseudohylesinus grandis*, *Parasitorhabditis gracilis* n.sp. 2184
- P. nebulosus*, *Parasitylenchus undulatus* n.sp. 2182
- Pseudomonas hirudinicola*, in *Hirudo officinalis*, symbiosis 5936
- Pseudoparamacroderoides*, synonym of *Astiotrema* 5137
- P. seenghali*, synonym of *Astiotrema reniferum* 5137
- P. vittatusi*, synonym of *Astiotrema reniferum* 5137
- Pseudopecoeloides scomberi*, to *Pseudopecoelus scomberi*, n.comb. 5674
- Pseudopecoelus*, synonymy 5677
- P. scomberi*, n.comb., for *Pseudopecoeloides scomberi* 5674
- P. scorpaenae*, n.comb., for *Neopecoelus scorpaenae* 5678
- Pseudorhabdora parva*, *Clonorchis sinensis* 6107
- Pseudorhabdochona*, synonym of *Rhabdochona* 4066
- Pseudorhadinorhynchus samegaiensis* in vitro, bithionol 5420
- n.sp., in *Salmo gairdnerii*, in Japan 5157
- in *Salmo gairdnerii*, in Japan, in fish farms 5420
- Pseudosciaena crocea*, *Rhipidocotyle crocea* n.sp. 1187
- Pseudotyphlops philippinus*, *Meteterakis sinharajensis* n.sp. 5696
- Psilochasmus oxyuris*, in *Bithynia leachi*, in USSR (Kazakhstan), overwintering 3666
- Psilochasmus contd.*
- P. oxyurus*, in *Anas discors*, in Canada, new record (h.) 1733
- Psilocollaris*, diagnosis emended 2417
- P. singhi*, n.sp., in *Anastomus oscitans*, in India 2417
- Psilorchis halcyoni*, synonymy 2417
- P. lucknowensis*, n.sp., in *Halcyon smyrensis*, in India 2417
- P. mehrai*, synonym of *Psilorchis halcyoni* 2417
- P. seakhpari*, synonym of *Psilorchis thapari* 2417
- P. thapari*, synonymy 2417
- Psilostomum*, in *Anas crecca*, in Canada, new record (h.) 1733
- Psilostrema spiculigerum* in *Bithynia leachi*, in USSR (Kazakhstan), overwintering 3666
- in duck, in USSR, morphology 1096
- Psittacula krameri*, *Ascarops psittaculai* n.sp. 4073
- Pterobothrium hawaiiensis*, n.sp., in *Dasyatis lata*, in Hawaii 5141
- Pterostichus madidus*, *Mermis nigrescens* 5269
- Pterygodermatites (Mesopectines) carstairsi*, n.comb., for *Rictularia carstairsi* 1216
- P. (Mesopectines) taterae*, n.comb., for *Rictularia taterae* 1216
- P. (Mesopectines) witenbergi*, n.sp., in rodents, in Israel 1216
- P. witenbergi*, n.sp., in rodents, in Israel 1216
- Ptyas mucosus*, *Ommatobrephus singulare* 1192
- Ptychadoena oxyrhynchus*, *Polystoma prudhoei* 137
- Ptychobothrium cypseluri*, in *Barilius bola*, in India, new record (h.) 5070
- Ptychocheilus oregonensis*, *Palaeorchis problematicus* 4047
- Ptychophallus*, *Paragonimus* 4579
- Puerto Rico, *Schistosoma mansoni* 4313
- Pulvinifer macrostomum*, synonymy 2405
- Puma concolor*, *Paragonimus inca* n.sp. 4580
- Pungitius pungitius*
- Brachyphallus crenatus* 3992
- Gyrodactylus stephanus* 3992
- Neoechinorhynchus rutili* 3992
- Proteocephalus* 3992
- Thersitina gasterostei* 3992
- Puntiotrema lucknowensis*, n.g., n.comb., for *Neopodocotyle lucknowensis* 4570
- Puntius sarana*, *Neopodocotyle dayali* n.sp. 2416
- P. ticto*, *Tetracotyle lali* n.sp. 2418
- Pusa caspica*, helminths 5616
- P. hispida*, helminths 2900
- Pycnonotus capensis*, *Sicarius caudatus* n.sp. 1216

- Pygarginema verrucosa*, in *Ozotoceros bezoarticus*, in Brazil (Central West), new record (h.), & redescribed 1212
- Pyloodictus olivaris*, *Crepidostomum cornutum* 107
- Pyramicocephalus phocorum*, in *Phoca vitulina largha*, in USSR (Far East), new record (h.) 64
- Quaesitobdella bilineata*, n.g., n.sp. 471
- Quail, helminths 2908
- Quelea quelea*, *Aprocta cylindrica* 2203
- Quilonia travancra*, arrangement of somatic muscle cells 5692
- Quinqueserialis quinqueserialis*, ultrastructure of ventral papillae 5119
- Rabbit**
- Angiostrongylus cantonensis* 3034, 5246
- Anisakis* 744
- anthelmintics 1484, 2067, 2717, 6415
- Artyfechinostomum sufrartifex* 5270
- Ascaris* 1918, 5743
- A. columnaris* 322
- A. suum* 1884, 3080, 3609, 5963
- bithionol 1534
- bithionol sulphoxide 1449
- bithirazine 1534
- cestodes 3691
- Clonorchis sinensis* 2539
- cobalt chloride 1449
- Coenurus serialis* 5611, 6081
- copper sulphate 1447-1448, 1482
- Cysticercus* 1234
- C. bovis* 1918
- C. pisiformis* 255, 3237, 4642, 5611, 6081
- diamphenethide 3715
- Dicrocoelium* 1315-1316
- D. dendriticum* 1163, 5787
- diphenyl sulphides 1534
- Echinococcus*, antigen 3020-3021, 3550, 3577, 4626
- ethanolamine 1449
- Fasciola* 223, 1918, 4373, 5698, 5742
- F. hepatica* 219, 1241, 2463, 2893, 3801, 5206, 5965
- fenbendazole 444
- helminths 3078, 3975, 5036, 5979
- hexachloroparaxylol 1534
- hookworm 1918
- hydatid 1221, 3113
- Hymenolepis nana* 2488
- mebendazole 382
- naphthalophos 5410
- Nematodirus oiratianus* 57
- niclosamide 1534
- Obeliscoides cuniculi* 6229
- Onchocerca volvulus* 3041, 4705-4706
- Opisthorchis* 225
- Orientobilharzia turkestanicum* 2143
- Ornithobilharzia turkestanicum* 1301, 4505
- oxyclozanide 4373
- Rabbit contd.**
- Passalurus ambiguus* 6081
- phenothiazine 1447-1448, 1482
- Philophthalmus rhionica* 3836
- rafoxanide 5206
- Schistosoma japonicum* 4639, 4646, 4771, 5242
- Strongyloides papillosus* 1263, 1273, 1317, 1338, 3150, 5970
- & *Sphaerophorus necrophorus* 2962, 4565
- Strongylus* 6259
- S. edentatus* 5520
- S. vulgaris* 5520
- Taenia pisiformis* 1256-1257, 2580, 4097, 5728, 5732
- T. saginata* 3584
- tetramisole 359
- toxicity
- of copper sulphate 1482
- of fenbendazole 444
- of hycanthone 5897
- of naphthalophos 5410
- of oxyclozanide 4373
- of phenothiazine 1482
- of tetramisole 359
- Toxocara canis* 1219, 1884, 3609
- Trichinella* 2384, 3598, 4111
- T. spiralis* 3121, 5961, 6277
- & virus 4633
- Trichostrongylus* 3353
- T. axei* 2894
- T. retortaeformis* 1892, 4493
- Trichuris leporis* 3153, 4653
- visceral larva migrans 4680
- Raccoon**, helminths 5113
- Rachycentron canadus**, helminths 4530
- Radix auricularia**, *Glossiphonia heteroclita* 2159
- R. ovata**, *Diplostomum commutatum* 3471
- Railletina**
- in fowl
- in Bulgaria, Tremanol 4314
- in USSR (Uzbekistan), pathology 776
- R. cesticillus**, in fowl, intestinal cellular response 2477
- R. echinobothrida**
- in fowl
- in India 4004
- in USSR (Far East), control, & incidence 5061
- in USSR (Moldavia), life-cycle 977
- in *Tetramorium caespitum*, in USSR (Far East), incidence 5061
- in *Tetramorium tortosum*, in India, new record (h.) 4004
- R. sibirica**, in fowl, in USSR (Moldavia), life-cycle 977
- R. siriraji**
- in *Sitophilus oryzae*, not infective 3475
- in *Tribolium confusum*, not infective 3475

Subject Index

Raillietina contd.**R. tetragona**

- in fowl
 - breed resistance & carbohydrate deficiency 1261
 - calcium deficiency & resistance of host breeds 4723
- in India 4004
- in USSR (Moldavia), life-cycle 977
- in *Tetramorium tortosum*, in India, new record (h.) 4004
- & viruses, in fowl, transmission by ova 6153

Raja brachyurops

- Acanthocotyle brachyuropsi* n.sp. 5662
- A. patagonica* n.sp. 5662
- A. scobini* n.sp. 5662
- Calicotyle rosinae* n.sp. 5662
- C. sjegi* n.sp. 5662

R. hyperborea, *Squalonchocotyle berlandi* n.sp. 4076**R. magellanica**, *Acanthocotyle patagonica* n.sp. 5662**R. naevus**

- Echinobothrium harfordi* n.sp. 4597
- Pancreatonema torriensis* n.g., n.sp. 705

R. radiata, *Squalonchocotyle berlandi* n.sp. 4076**Rallidae**

- helminths 1732
- Hirudinea 1732

Rallitaenia, Spasski & Spasskaya, 1974, diagnosis 2435**R. gallinulae**, n.comb., for *Liga gallinulae* 2435**Rallus aquaticus**

- Bilharziella polonica* 1723
- Leucochloridium turanicum* 179

R. rallus philippensis, *Lubens enigki* n.sp. 4584**Rameshwarotrema chelonii**, n.sp., in *Chelone mydas*, in India 5134**R. uterocrescens**, n.g., n.sp., in *Chelone mydas*, in India 5134**Ramicercus** sp., for *Cysticeroid* sp., Hrabe, 1957 3854**Rana**

- Diectophyme renale* 5925
- helminths 1784

R. arfarki, *Proteocephalus niuginii* n.sp. 1819**R. blairi**, *Cephalogonimus brevicirrus* 4040**R. catesbeiana**

- Allassostomoides chelydrae* 2402
- Eustrongylides wenrichi* 82

R. cassinensis, helminths 627**R. cyanophlyctis**, *Genarchopsis goppo* 2975**R. esculenta**

- Echinoparyphium recurvatum* 6465
- Echinostoma revolutum* 6465

Rana contd.**R. graeca**

- Acanthocephalus falcatus* 1106
- Chabaudgolvania terdentatum* 1106
- Cosmocerca ornata* 1106
- Neoxysomatium brevicaudatum* 1106
- Oswaldocruzia filiformis* 1106

R. hexadactyla, *Spironoura brevispiculata* 2336**R. limnocharis**

- Ganeo vitellosinistrum* n.sp. 5667
- Glypthelmins rugocaudata* 628

R. macrocnemis

- Haplometra breviceaca* 149
- trematodes 150

R. nigromaculata

- Glypthelmins rugocaudata* 628
- Sparganum* 5628, 6100

R. pipiens

- Cephalogonimus brevicirrus* 4040
- Haematoloechus coloradensis* 3310
- Physaloptera maxillaris* 4888

R. ridibunda, helminths 627**R. rugosa**, *Glypthelmins rugocaudata* 628**R. tigrina**

- Ganeo kawi* n.sp. 5667
- Prosotocus baughi* n.sp. 2416

Rangifer tarandus

- Avitellina arctica* 1911
- helminths 4458
- hydatid 1335
- Moniezia rangiferina* 1059
- niclosamide 1911
- Onchocerca* 4733
- Setaria* 4733
- tin arsenate 1911
- toxicity, of tin arsenate 1911

R. tarandus caribou

- Elaphostrongylus* 4993
- Parelaphostrongylus tenuis* 3415

R. tarandus tarandus, *Pneumostrongylus tenuis* 5568**Raphidascaris acus**

- in crustaceans, experimental 650
- in insects, experimental 650
- in molluscs, experimental 650
- in mosquito, in USSR (European) 1151
- in oligochaetes, experimental 650
- in *Thymallus arcticus baicalensis*, in Czechoslovakia, new record (h.) 2931
- & *Triaenophorus nodulosus*, in *Paracottus kessleri*, capsule degeneration 4033

Rastrelliger kanagurta

- Hamacreadium karachiensis* n.sp. 1182
- H. rastrellii* n.sp. 1182

Rat

- alveolar hydatid, & *Salmonella* 3510
- Angiostrongylus cantonensis* 1716, 3034, 3607, 5246, 6216
- anthelmintics 379, 2067
- Artyfechinostomum sufrartyfex* 5270
- Ascaris* 5743

Rat contd.*Ascaris contd.*

- A. suum* 262, 4149
Aspiculuris tetraptera 2461
 Bemosat 2058, 2086
 bephonium hydroxynaphthoate 2058, 2086
 bisbendazole 2715
 bithionol 4795, 5397
Breinlia booliati 3969, 4219
 carbon tetrachloride 3798
Carneophallus breviaeaca 2763
 cestodes 5034
Clonorchis sinensis 6209
Cysticercus fasciolaris, & cancer 4032
 diamphenethide 3715
Dictyocaulus filaria 2147
 diethylcarbarnazine citrate 5375
Dipetalonema wite 6074
 Diphehyl 2058, 2086
Echinococcus, antigen 5712
Fasciola 267, 2471, 5961
F. hepatica 216, 728, 957, 2455, 2486, 2803, 4098, 4635
 fenbendazole 444, 1452, 2695, 5447
 helminths 610, 4501
 hexachloroethane 5878
 hexachloroparaxylene 4795
 hymenolepidids 1260
Hymenolepis diminuta 811, 2483, 2517, 2606, 2624, 3023, 3160, 5273, 5749, 5782, 6281, 6293-6294, 6316, 6319
H. nana 1336, 3582
 levamisole 2682
Litomosoides carinii 2312, 2318, 5233
 mebendazole 3292
Megalophallus miyazaki n.sp. 1601
Mesocestoides corti 1858
Moniliformis dubius 2456-2457
Nematospiroides dubius 785, 1242, 3151
Nippostrongylus brasiliensis 742, 1244-1245, 1337, 1879, 2137, 2487, 2501, 3063, 3074, 3084, 4102, 4117, 4165, 4645, 4657, 5209, 5723, 5725-5727, 5819, 5963, 6248-6249
Onchocerca armillata 1979
Paragonimus miyazakii 1980
P. ohirai 1980
P. peruvianus 1984
P. westermani 1980
 piperazine 6362
 piperazine diantimonyl tartrate 3703
 rubidomycin 6372
Schistosoma haematobium, & cancer 3619
S. mansoni 3088, 3567
Spirometra mansonoides 4138, 5764
Strongyloides papillosus 5970
S. ratti 244-245, 1244, 5819, 6235
Syphacia obvelata 1265
Taenia crassiceps 5190

Rat contd.*Taenia contd.*

- T. taeniaeformis* 4663-4664, 5034, 5215-5216, 5223
 cysticerci 794
 tetramisole 6362
 thiabendazole 1226, 3728, 3733
 toxicity
 of Bemosat 2058, 2086
 of bephonium hydroxynaphthoate 2058, 2086
 of carbon tetrachloride 3798
 of diethylcarbarnazine citrate 5375
 of Diphehyl 2058, 2086
 of fenbendazole 444
 of levamisole 3744
 of piperazine 5403, 6362
 of tetramisole 6362
 of thiabendazole 3728
Toxocara canis 1883
Trichinella 779, 1226, 1250, 3029, 3117, 4111, 5967, 6329
 & *Erysipelothrix insidiosa* 4566
T. spiralis 249, 737, 783, 1867, 1896, 2521, 3047, 3059, 3075, 3145, 3601, 3828, 4080, 4095, 4102, 4116, 4120-4121, 4181, 4632, 5231, 5961, 6235, 6251, 6293
 & cancer 3619
 & *Trypanosoma lewisi* 4560
 trichlorphon 5971

Rattus

- Angiostrongylus* 4386
Capillaria hepatica 609
R. coxinga coxinga, *Oesophagostomum selfi* n.sp. 3011
R. culturatus, *Ogmocotyle ratti* n.sp. 1797
R. leucopus
Hymenolepis diminuta 1819
Syphacia obvelata 1819
Toxocara mackerrasae 1819
R. muelleri, *Neodiplostomum* 4487
R. norvegicus
Angiostrongylus cantonensis 1715
Cysticercus fasciolaris 5020
 helminths 1714, 2895
 & protozoans 1175
Nippostrongylus brasiliensis 6460
Schistosoma mansoni 5037
R. rattus
 helminths 1714
Hymenolepis diminuta 2985
Odeningotrema ratti n.sp. 1797
Stephanolecithus taiwanensis n.sp. 1797
Vampirolepis fraterna 2985
V. masaldani n.sp. 2985
R. sabanus, *Breinlia booliati* 4219
R. tiomanicus, *Angiostrongylus cantonensis* 4495
R. turcestanicus, *Syphacia kirgisensis* n.sp. 1211
 Recreation, *Schistosoma mansoni* 6327

Red Sea

- Camallanus carangis* 5179
Capillaria carangi n.sp. 5179
Coitocaecum manteri n.sp. 4583
Contracaecum chorinemi 5179
Didymozoon apharyngi 4581
helminths, in Clupeiformes 6111
Metabronema magna 5179
nematodes, in fish 5179
Phyllodistomum mamaevi n.sp. 4583
Sphincteristomum nikolaevi n.sp. 4582
Terranova galloccerdonis 5179
trematodes, in fish 1394, 4583
Redunca fulvorufula, helminths 3942
Reesimermis, synonym of *Romanomermis* 6203
R. muspratti, to *Octomyomermis muspratti*, n.comb. 6203
R. nielsenii
in *Anopheles crucians*, biological control agent 5093
in *Culex*, in Taiwan, host susceptibility 1135
in *Culex pipiens*
infectivity & physicochemical conditions 4175
moulting pattern 974
in mosquito, host susceptibility, compared 653
& *Neoaplectana carpocapsae*, in *Aedes aegypti*, melanotic encapsulation 1753
post-parasitic development 973
predation by *Cyprinotus dentatis* 1135
in *Simulium*, biological control agent 4537

Renibulbidae, n.fam. 5143

- Renibulbus penaeus*, n.g., n.sp., in *Penaeus brasiliensis*, in USA (South Atlantic) 5143

Renicola

- in herring
biological tags 2350
in Atlantic, biological tags 100
metacercariae
in *Clupea harengus*, in North Sea, new record (h.) 633
in *Engraulis encrasicolus*, in North Sea, new record (h.) 633
R. ardeolae, n.sp., in *Ardeola ibis ibis*, in Egypt 3520
R. roscovita, in *Littorina littorea*, in Britain, host behaviour 124

Renicolidae, taxonomy, discussed 3520

Rennibdella rennelli, n.g., n.sp. 471

Reproduction

- Amidostomum anseris* 306
Ancylostoma braziliense 968
A. caninum 2305
A. ceylanicum 968
Ascaridia galli 1969
Ascaris 982

Reproduction contd.

Ascaris contd.

- A. lumbricoides* 2776
A. suum 1969
Brugia pahangi 468
cercariae 467
Dictyocaulus viviparus 1957
Dirofilaria immitis 2889
Erpobdella octoculata 1579
Fasciola hepatica 2146
Heligmosomum azerbaijani 972
Hemiuroidea 2407
nematodes 5768, 6197
in sheep 234
Onchocerca flexuosa 2761
Opisthorchis felinus 3311
Pharyngostomoides procyonis 5486
Schistosoma haematobium 6306, 6470
S. japonicum 6306
S. mansoni 2616, 2673, 6306, 6473
trematodes 467

Reptiles

- anisakids 4889
anthelmintics 5627
digeneans 6096
helminths 1156, 2331, 3989, 4520, 5178, 6144
trematodes 2406, 4386

Resistance (see also Immunity)

- Angiostrongylus cantonensis* 3651
Ascaridia galli 6225
Ascaris lumbricoides 210
A. suum 1062, 2736, 2881, 5225
Astiotrema trituri 3564
Brelinia booliati 3969
Brugia malayi 1848, 2959
B. pahangi 735, 3499, 5649
Choanotaenia infundibulum 4002
Cysticercus bovis 3069
C. cellulosae 4472
Dictyocaulus filaria 1284
Dipetalonema wite 5721
Dirofilaria immitis 2942
D. repens 2469, 4127
D. tenuis 4128
Echinostoma lindoense 3070-3071, 5218, 6244-6246
Fasciola 2278
F. hepatica 216, 2528, 4098, 5094
parthenitae 978
filariaids 4628, 4668, 4693
Gilquinia squali 632
Haemonchus contortus 5520
helminths
in animals 726
in domestic animals 5763
in invertebrates 4924
in man 743, 4652
in sheep 4989
hydatid 213, 2288
Hymenolepis diminuta 6316
H. nana 56, 3967

Resistance contd.

- Metastrongylus apri* 3174
Moniezia benedeni 1687
M. expansa 1687
 nematodes
 in cattle 2202
 in insects 4665, 4676
 in sheep 234, 2202
Nematospiroides dubius 1242, 5205
Neaplectana carpocapsae 1753, 1856, 4735
Nippostrongylus brasiliensis 1244
Oesophagostomum radiatum 5192
Pristionchus uniformis 1856
Raillietina tetragona 4723
Reesimermis nielsenii 653
Rhabditis pello 3497
Schistosoma 3017, 3630
S. haematobium 120
 (South African strain) 2313
 (Sudanese strain) 2313
S. japonicum 3072
S. mansoni 211, 241, 1278, 1757, 1861, 2934, 4634, 4674, 5078, 5085, 6445
Schistosomatium douthitti 2496
Skrjabinia cesticillus 4002
Strongyloides papillosus
 & *Clostridium perfringens* 2962
 & *Sphaerophorus necrophorus* 2962
S. ransomi 2881
S. ratti 1244
S. stercoralis 743, 2229
Taenia crassiceps 3554, 5190
T. pisiformis 2580
T. taeniaeformis 6228
Toxocara canis 2508
Trichinella 4083, 5963
T. spiralis 217, 3033, 3067, 4095, 4632, 4677, 5718
 trichostrongylids 5519
Trichuris muris 240, 3109
T. suis 3042
- Resistance, drug**
Haemonchus contortus 2042, 2107, 5413
Schistosoma mansoni 2691, 3795
Taenia saginata 3267
 Trichonematidae 1496
- Retinometra guberiana*, & *Sobolevicanthus gracilis*, in crustaceans, development, & morphology, compared 4056
- R. longicirrosa*, in *Cygnus olor*, in USSR (Lithuania) 77
- R. macracanthos*
 in *Arctodiaptomus bacillifer*, in USSR (Kazakhstan), new record (h.) 2361
 in *Arctodiaptomus salinus*, in USSR (Kazakhstan), new record (h.) 2361
- R. pittalugai*
 in *Arctodiaptomus bacillifer*, in USSR (Kazakhstan), new record (h.) 2361
 in *Arctodiaptomus salinus*, in USSR (Kazakhstan), new record (h.) 2361
- Réunion, Wuchereria bancrofti* 5522
Rhabdias, in insectivores, new record (h.) 3540
Rhabditis, taxonomy 5183
R. axei, cross antigenicity with helminths 2475
R. (Cephaloboides), Rahm, 1928, to *Cephaloboides*, n.rank 2179
R. pello, in *Aporrectodea trapezoides*, host reaction 3497
R. strongyloides, soil pH & mineral salts 4764
Rhabdochona
 in fish
 in Asia, key to spp. 4066
 in Europe, key to spp. 4066
 revised 4066
 in *Salmo trutta*, in USA (Mountain), waterflow & infection 319
R. alii, synonym of *Rhabdochona hospeti* 4066
R. barbi, synonym of *Rhabdochona hospeti* 4066
R. bosei, synonym of *Rhabdochona garuai* 4066
R. brevispicula, synonym of *Rhabdochona denudata* 4066
R. cavasius, synonym of *Rhabdochona mazeedi* 5691
R. chabaudi, synonym of *Rhabdochona hellichi* 4066
R. crassa, synonym of *Rhabdochona denudata* 4066
R. dasi, synonym of *Rhabdochona mazeedi* 4066
R. denudata filamentosa, synonym of *Rhabdochona hellichi* 4066
R. ghaggari, synonym of *Rhabdochona hospeti* 4066
R. girelli, to *Ascarophis girelli*, n.comb. 4066
R. (Glabochonoides), n.subg. 4066
R. gymnocranius, to *Ascarophis gymnocranius*, n.comb. 4066
R. japonica, n.sp., in *Liobagrus reini*, in Japan 4066
R. kashmirensis, synonym of *Rhabdochona hellichi* 4066
R. kisutchi, n.sp., in *Oncorhynchus kisutch*, in Canada 706
R. labeonis, synonym of *Rhabdochona hospeti* 4066
R. latifilamentosa, synonym of *Rhabdochona gnedini* 4066
R. magna, sp. inq. 4066
R. marinum, synonym of *Rhabdochona zacconis* 4066
R. mazeedi, synonymy 5691
R. minima, n.sp., in *Neomacheilus inglisi*, in Nepal 5691
R. ostertagi, sp. inq. 4066

- Rhabdochona* *contd.*
R. penangensis, synonym of *Rhabdochona hospeti* 4066
R. praecox, to *Hepatochona praecox*, n.comb. 4066
R. (Sinonema), n.subg. 4066
R. sulaki, synonym of *Rhabdochona gnedini* 4066
R. uca, to *Proleptus uca*, n.comb. 4066
R. varrelli, synonym of *Rhabdochona mazeedi* 4066
- Rhabdochonidae, evolution 5163
Rhabdochoninae, key to genera 4066
Rhabdontolaimus adepagus, n.sp., in *Dendroctonus frontalis*, in USA 2185
R. frontalis, n.sp., in *Dendroctonus frontalis*, in USA 2185
R. janae, n.comb., for *Diplogasteroides janae* 2179
- Rhabdophis tigrinus*, *Paradistomum* 79
Rhacophorus, *Madochotera landauae* n.sp. 199
- R. cruciger eques*
Acanthocephalus srilankensis n.sp. 5696
Polystoma hakgalense n.sp. 5696
R. microtypanum, *Acanthocephalus srilankensis* n.sp. 5696
Rhadinorhynchus decapteri, n.sp., in *Decapterus pinnulatus*, in Pacific 3533
Rhagium inquisitor, *Paramonoviola rhagii* n.g., n.sp. 3535
Rhinecanthus, *Sphincteristomum nikolaevi* n.sp. 4582
Rhinichthys atratulus, *Neascus rhinichthysi* 6115
R. osculus, helminths 5072
Rhinobatos productus
Eutetrarhynchus schmidtii n.sp. 164
Prochriatella fragilis n.sp. 164
Rhinolophus cornutus, helminths 5048
R. ferrumequinum
helminths 5048
Parahistiostongylus viguerasi 65
Plagiorchis vespertilionis 65
Rhinophis blythi, *Aplectana uropeltidarum* n.sp. 700
R. drummondhayi
Aplectana uropeltidarum n.sp. 700
Oswaldocruzia gansi n.sp. 700
R. philippinus
Aplectana uropeltidarum n.sp. 700
Oswaldocruzia gansi n.sp. 700
Rhinoptera bonasus, *Rhinoptericola megacantha* n.g., n.sp. 4593
Rhinoptericola megacantha, n.g., n.sp., in *Rhinoptera bonasus*, in USA (South Atlantic) 4593
Rhinoptericolidae, n.fam. 4593
Rhipicephalus sanguineus, *Dipetalonema reconditum* 3434
Rhipidocotyle, key to spp. 1187
- Rhipidocotyle* *contd.*
R. adbaculum, in marine fish, in China, new record (g.) 1187
R. baculum, in marine fish, in China, new record (g.) 1187
R. campanula, n.comb., for *Distoma campanula* 5680
R. clavivesciculum, n.sp., in *Plectropomus leopardus*, in China 1187
R. croceae, n.sp., in *Pseudosciaena crocea*, in China 1187
R. galeatum, n.comb., for *Monostomum galeatum* 5680
R. illense
in *Anodonta piscinalis*, shedding rhythm & longevity 3670
synonym of *Rhipidocotyle campanula* 5680
in *Unio pictorum*, shedding rhythm & longevity 3670
R. lintoni
in *Lyonsia hyalina*
in USA 5680
in USA (North Atlantic), life-cycle 4343
in *Menidia menidia*
in USA 5680
in USA (North Atlantic), life-cycle 4343
in *Strongylura marina*, in USA, life-history, & morphology 5680
in *Strongylura marinus*, in USA (North Atlantic), life-cycle 4343
R. transversale
in *Lyonsia hyalina*
in USA 5680
in USA (North Atlantic), life-cycle 4343
in *Menidia menidia*
in USA 5680
in USA (North Atlantic), life-cycle 4343
in *Strongylura marina*, in USA, life-history, & morphology 5680
in *Strongylura marinus*, in USA (North Atlantic), life-cycle 4343
- Rhodesia
hydatid 1016
parasites, in man 6001
Schistosoma 248, 523, 935
S. haematobium 4843
S. mansoni 6258
Rhopalias goyanna, n.sp., in *Didelphis azarae azarae*, in Brazil (Central West) 5127
Rhynchobothrium brevispine, to *Mecistobothrium brevispine*, n.comb. 4592
R. hispidum, to *Prochriatella hispida*, n.comb. 4592
R. tumidulum, to *Prochriatella tumidula*, n.comb. 4592

Ribeiroia marini, & *Schistosoma mansoni*, in
Biomphalaria glabrata, antagonism
4215

Rictularia, in man, in USA (North
Atlantic), new record (h.) 533

R. carstairsi, to *Pterygodermatites*
(*Mesopsectines*) *carstairsi*, n.comb. 1216

R. proni, in *Arvicola sapidus*, in Spain, new
record (g.) 2388

R. taterae, to *Pterygodermatites*
(*Mesopsectines*) *taterae*, n.comb. 1216

Rictulariidae, & *Seuratoidea*, phylogenetic
relationships, discussed 975

Rictularioidea, key to genera 4060

Riparia rupestris, *Brachylecithum riparia*
n.sp. 3519

Robleus cylindricus, n.g., n.sp., in
Dendroctonus frontalis, in USA 2180

Rodents

Ackertia globulosa 3437

alveolar hydatid 507, 4101, 4224

Breintia booliati 1081

digeneans 4488

Echinococcus granulosus 6079

E. multilocularis 6079

Echinoparyphium ralphaudyi n.sp. 153

Heligmosomidae 5186

helminths 195, 1003, 1079, 1711, 2317,
3212, 3442-3443, 3968, 4491, 4498,
5043, 5613, 6194

Hepatojarakus bandicoti 4499, 5272
hydatid 4101

Hymenolepis 2530

Moniliformis clarki 4489

M. moniliformis 4489

nematodes 6080

Pelodera strongyloides 6075

Plagiorchis noblei 1565

Pterygodermatites witenbergi n.sp. 1216

Schistosoma mansoni 6327

Strongyloides papillosus 5970

Syphaciidae 1211

Trichinella 1167

T. spiralis 506

Romanomermis, key to spp., redefined, &
synonymy 6203

R. culicivora, n.sp., in *Anopheles crucians*,
in USA (West South Central) 6203

R. hermaphrodita, n.sp., in *Aedes*

(*Ochlerotatus*) *nigripes*, in Canada 6203

R. kiktoreak, n.sp., in *Aedes* (*Ochlerotatus*)
impiger, in Canada 6203

Rowardleus pennensis, n.g., n.sp., in
Carpiodes cyprinus, in USA (North
Atlantic) 4596

Rumania

Ancylostoma caninum 2963

Ascaris 5964

Cysticercus cellulosae 2395

digeneans, in reptiles 6096

Fasciola hepatica 904, 5387

Gyrodactylus luciopercae 5973

Rumania contd.

helminths

in birds 3982

in *Bison bonasus* 5973

in fish 3853

in fur-bearing animals 131

in pig 3947

in sheep 1668

Metastrongylus 2302

Paradistomum mutabile 6096

parasitology 3848

Plagiorchis (*Multiglandularis*) *mentulatus*
6096

P. (Plagiorchis) molini 6096

Strongyloides stercoralis 5964, 6269

Taenia saginata 5558

T. solium 5558

Thelazia 1667

Toxocara canis 2963

Trichinella spiralis 2395, 4554

Trichuris 5964

Ruminants

alveolar hydatid 4030

anthelmintics 355, 3349

cestodes 5581

Cysticercus ovis 4030

C. tenuicollis 4030

Dicrocoelium 1403

D. dendriticum 501, 952, 1143, 1406,
1419-1420

Elaeophora schneideri 6049

Eurytrema 6170

Fasciola 374, 501, 1891

F. gigantica 2646

F. hepatica 904, 952, 1427, 2646, 5520

Fascioloides magna 6332

fenbendazole 355

gastro-intestinal nematodes 578

Haemonchus contortus 3012, 6044

helminths 673, 3413, 3933, 3944, 5106,
5851, 6040

hexachloroparaxylene 3814

hydatid 504-505, 1460, 4030, 6033

liver-fluke 3932

nematodes 339, 5688

nitroxylin 4318

parasites 3928, 4268

Rumiverm 2071

Schistosoma indicum 1671

S. nasalis 1671

S. spindale 1671

Strongylata 834

tetramisole hydrochloride 4303

thiabendazole 4303

Ruminants, domestic, *Fasciola hepatica*
1598-1599

Ruminants, wild

Cysticercus tenuicollis 1036

hydatid 1036

Rupicapra rupicapra

helminths 2870, 5000

- Rupicapra rupicapra* contd.**
Nematodirus davtiani alpinus n.subsp.
 1830
- R. rupicapra caucasica*, *Gongylonema pulchrum*** 6032
- Russia** (see USSR)
- Rutilus rubilio*, *Dactylogyrus erhardovae***
 n.sp. 1176
- R. rutilus***
 helminths 4531
Ligula intestinalis 161, 826
 monogeneans 4375
- R. rutilus caspicus*, trematodes** 84
- R. rutilus heckeli*, parasites** 5075
- Saakotrema metatestis*, synonym of**
Echinochasmus (Episthmium) mathevossianae 1095
- Sabah, *Uncinaria olseni* n.sp.** 5162
- Sacciutera stellifera*, in *Lumbriculus variegatus*, development** 5924
- Saccostomus campestris***
Schistosoma leiperi 1572
S. margrebowiei 1572
- Sadun, E.H.**
 bibliography 2163
 obituary 2164, 2781
- Sagitta bipunctata*, *Derogenes varicus*** 5090
- Saguinus geoffroyi*, microfilariae** 5557
- Saiga tatarica***
Avitellina 5346
 helminths 1050
Moniezia benedeni 5346
M. expansa 5346
Thysaniezia 5346
- Saimiri sciureus***
 diethylcarbamazine phosphate 3766
 niclosamide 3766
 thiabendazole 3766
- Salmo gairdnerii***
Acanthocephalus opsariichthydis 5420
Diplostomum spathaceum 1123
Pseudorhadinorhynchus samegaiensis
 5420
P. samegaiensis n.sp. 5157
- S. gairdnerii irideus*, *Acanthocephalus opsariichthydis*** 5158
- S. salar***
 helminths 3994, 4934
Piscicola punctata 3994
- S. trutta***
Crepidostomum farionis 319
Eustrongylides 5634
 helminths 83, 3454
Rhabdochona 319
- Salmon, helminths** 5069
- Salmonchus*, invalid** 687
- Salmonella***
 & alveolar hydatid
 in mouse 3510
 in rat 3510
 & *Schistosoma mansoni*, in man, in Egypt
 6150
- Salmonella* contd.**
S. dublin
 & *Fasciola hepatica*
 in cattle
 in Ireland 677
 synergism 2803, 3509
- S. paratyphi A***
 & *Schistosoma mansoni*
 in man
 association 3514
 nephrosis 674
- Salmonids**
Diphylobothrium dendriticum 778
 helminths 1749–1750
 parasites 991
 trematodes 639
- Salvelinus alpinus***
Cyathocephalus truncatus 5635
Cystidicola stigmatura 5635
Diphylobothrium ditremum 4774
 helminths 87, 5635
Tetraonchus alaskensis 5635
- S. malma*, *Tetraonchus alaskensis*** 687
- Samoa, *Wuchereria bancrofti*** 942
- Samoabdella minutus*, n.g., n.comb., for**
Philaemon minutus 471
- Sandonia sudanensis***
 miracidia, morphology 5679
 ova, morphology 5679
- Sanguinicola***
 in freshwater fish, in Germany, control,
 life-cycle, & pathology 2923
 in freshwater molluscs, in USSR
 (Ukraine), local survey 3477
 larvae, in water-reservoirs, in USSR
 (Ukraine) 1380
- S. inermis*, in carp, in USSR (Ukraine),**
 chemotherapy 5885
- Saprinus semistriatus*, *Hymenolepis erinacei***
 5638
- Sarcocystis miescheriana***
 & *Cysticercus cellulosae*, in pig, in
 Rumania 2395
 & *Trichinella spiralis*
 in pig
 differential diagnosis 3536
 in Rumania 2395
- Sarda chiliensis*, *Grubea*, n.sp., [not named]**
 1794
- Sardinia**
Fasciola hepatica 2030
Schistosoma bovis 1197
Trichostrongylus lerouxi n.sp. 2437
- Sarkidiornis melanotos*, *Tyrolaelaphis lucknowensis* n.sp.** 2417
- Saudi Arabia**
Dracunculus medinensis 5998
 filariids 2851
Schistosoma 2810
S. haematobium 5334
S. mansoni 5334

Saurida undosquamis*, *Osphyobothrus*sagittula* n.sp. 6162***Scardinius erythrophthalmus*, parasites**

3458

S. erythrophthalmus scardinae*Dactylogyrus difformis* 1176*D. difformoides* 1176*D. nasalis* 1176*Gyrodactylus scardinii* 1176***Schikobalotrema magnum*, n.sp., in *Mugil cephalus*, in USA (South Atlantic)** 3016***Schistocephalus solidus***in *Gasterosteus aculeatus*

host ovarian maturation 1919

host respiration rate 4153

plerocercoids, glucose uptake 2581

Schistogendra incisa*, synonym ofViktorocara tenuis* 1095***Schistogonimus rarus*, in duck, in**

Netherlands, life-history 6456

Schistosoma

in man, in Iran, chemotherapy 866

in animals

hycanthone 1434

lucanthone 1434

& man, life-cycle, & morphology,

reviewed 2387

antigen preparation 6215

in *Bulinus (Physopsis) globosus*, in Ghana 5092in *Bulinus truncatus rohlfsi*, in Ghana

5092

& cancer, in man, in Sudan, retrospective analysis 4152

in cattle, in Laos, local survey 1413

chemotherapy, reviewed 6436

conference proceedings 3341

control 2709

control of intermediary 879

control of vectors 4822

immunology, reviewed 3017

incorporation of AB antibodies 1239

in laboratory animals, chemotherapy, discussed 5367

larvae, behaviour, & physiology 5772

in man

in Africa

brief review 3376

control programme 3238, 4790

diagnosis by FAT 4643

epidemiology, reviewed 4223

zoogeography 3682–3683

algorithm for diagnosis & treatment 2861

in America, report 2258

in Angola, control 499

antibodies & colitis 3095

antimony compounds, mode of action 3718

antimony potassium tartrate 3705

Brazil, ahaptoglobinaemia 3630

***Schistosoma* contd.**

in man contd.

in Cameroon, aetiology of sterility 5754

chemotherapy 4833, 5398, 5441

discussed 5437

reviewed 2123, 5837–5838

in China

control 2654

control of intermediary 1430

diagnosis, research report 2836

in China (Central)

control of intermediary 1429, 1431

epidemiology 1395

control, & epidemiology, reviewed 4429

control of intermediary 861, 880,

885–886, 939, 944, 3755, 5840

reviewed 877

control programme 5883, 6363

control strategies, discussed 5436

cutaneous manifestations, reviewed 3124

diagnosis, reviewed 2835

diagnosis by ELISA 3553

diagnosis by HAT 3589

diagnosis & host ecology 2248

diagnosis by immunoperoxidase test 2473, 3558

in East Africa, control, reviewed 4389

in Egypt

control, historical account 3764

control of intermediary 3792

epidemiology & water resource

developments 2003

host lipid metabolism 3142

not involved in vesical calculus 5988

vocal cord paralysis 2230

epidemiology & diagnosis 4422

epidemiology & water resource

developments 2006

epidemiology & water resources

development, bibliography 858

in France, exotic zoonosis 2817

general account 6002

in Ghana

control project 2025

epidemiology & Volta dam 2011

global significance & host ecology 5355

hepatosplenism & DDT metabolism 1658

hepatosplenomegaly 3141

hycanthone 1434, 3287

mode of action 3718

hycanthone & chromosome

abnormalities 5388

hycanthone plus corticosteroids 345

immune complex nephropathy 3618

immunoglobulins 1852, 3561

immunology, reviewed 5235

immunology conference 4384

Schistosoma contd.in man *contd.*

immunoprecipitation 722

immunosuppression & niridazole
2481-2482

incidence & host ecology 4972

in Iran, control 922

in Iraq, endemicity 4401

irrigation schemes & intermediate hosts
1999

IT evaluation 220

in Kenya

irrigation scheme 2017, 4229

local survey 2257

pathology of spinal cord 3149

live vaccine, discussed 3605

localization in ovary 5551

lucanthone 1434

in Mozambique, cutaneous infection
3387

in Nigeria

anaemia 3382

uterine fibroids 1606

niridazole

mode of action 3718

reviewed 3732

niridazole suppressing hypersensitivity
4637nuclear research recommendations
4395

organic trivalent antimonials 3213

pathology of nervous system 2828

pathology of rectum 4136

pathology of skin 3631

percutaneous peritoneal biopsy 5762

piperazine dianthionyl tartrate 3213,
3705population dynamics & control,
mathematical model 5863

research reviewed 2

resistance & race 3630

reversibility of lesions 6274

in Rhodesia

control of intermediary 935

localization in fallopian tube 523

mental ability & subclinical infection
248

safety of anthelmintics 5412

in Saudi Arabia, control, & incidence
2810

serodiagnosis 209, 1859

in Sierra Leone, local survey 3892

social & economic aspects 914

in South Africa, cervicitis 3369

in Sudan

biopsy findings 5546

control, discussed 4323

in Tanzania

pathology of spinal cord 3149

stage-specific FAT 1240

technique for detecting defective
neutrophil function 4873***Schistosoma contd.***in man *contd.*

technique for diagnosing 3305

in Thailand, pathology of liver 2856

therapy of hepatic fibrosis 1453

treatment by surgery 2538

ureteral stenosis 2559

urinary & lactogenic antigens 5701

in USSR (European), exotic infections
568in West Africa, 1-(5-nitro-2-thiazolyl)-2-
imidazolidinethione 1463

in West Indies, incidence 542

in West Indies, 1-(5-nitro-2-thiazolyl)-2-
imidazolidinethione 1463

zooprophylaxis 2511

in mouse, immunosuppression by cholera
toxin 5739

neuromuscular regulation 295

in *Oncomelania*, in China (Central),
ecology 1395

ova

in faeces

techniques for detecting, by filtration
3819& urine, technique for counting
1557

technique for counting 5468

in pig, in Laos, local survey 1413

in rodents, in Laos, local survey 1413

& splenomegaly, in man, in Zambia
2250& tuberculosis, in man, in USA, case
reports 2393***S. bovis***

in baboon, heterologous immunity 4685

in *Bulinus*, in Kenya, survey 1148in *Bulinus truncatus*, susceptibility 4018

intra-specific variation & validity 1197

in man

in Egypt, not found 4585

in Sudan, spurious infection 6025

in molluscs, susceptibility 5518

in *Planorbarius metidjensis*, in Portugal,
susceptibility 4017& *Schistosoma haematobium*, ova,
compared 4585in sheep, in Ethiopia, albumin metabolism
4713in *Sylvicapra grimmii*, in Somalia, new
record (h.) 6045

synonymy 4585

S. haematobiumin baboon, immunity suppressing egg
output 3568in *Bulinus*

laboratory maintenance 448

in Saudi Arabia, survey 5334

in *Bulinus contortus*, in Portugal,
susceptibility 120in *Bulinus truncatus*

host carbohydrate metabolism 1309

Schistosoma haematobium contd.

- in *Bulinus truncatus* contd.
- niridazole & infectivity of miracidia 4812
- & cancer
- in man
 - in Egypt, smoking 1019
 - in Kenya 4031
 - in rat 3619
- cercariae
- in *Bulinus (Physopsis) africanus*, host
 - antigen adherence 5210
 - temperature & emergence & development 6296
 - ultraviolet irradiation 2599
- & *Cryptococcus neoformans*
- in man
 - in Nigeria 6149
 - case report 2958
- in *Ferrissia clessiniana*, in Iraq, refractory to infection 4547
- in *Hylobates* lar, bladder calcification & papillary tumours 4715
- in man
- in Africa
 - diagnosis by rectal biopsy 4441
 - surgical indications 4808
 - bladder calcification 6267
 - bladder calcification & egg excretion 4137
 - case report 2279
- in Chad, bladder stones 4409
- chemotherapy 3725
 - & diagnosis 2119
- chemotherapy & eosinophilia 4140
- chemotherapy & vaccination 4088
- complications 1941
- control 3780
- diagnosis by *Fasciola gigantica* antigen 3092
- diagnosis by X-ray 2567
- in Egypt
 - Aswan Dam & ecology of intermediary 4784
 - control of intermediary 4247
 - development of disease 4736
 - hycanthone 3765
 - incidence & Aswan Dam 4789
 - irritable colon syndrome 3152
- in France
 - diagnosis of exotic infection 4394
 - diagnosis of exotic infections 3383
- general account 3370
- in Ghana, control, & epidemiology 2838
- histopathology & niridazole 4262
- host pyruvate metabolism 3617
- hycanthone, reviewed 3719
- hycanthone plus progesterone 3724
- hypersplenism & treatment 1498
- in Iran
 - case report 3887

Schistosoma haematobium contd.

- in man contd.
- in Iran contd.
 - control & transmission 864
 - epidemiology, & incidence 509
- in Iraq 4396
 - scholastic progress 4728
- in Ivory Coast, serodiagnosis 3588
- in Kenya
 - control 4851
 - epidemiology 3194
 - niridazole & delayed hypersensitivity 1882
 - pathogenicity 4419
 - reviewed 1622
- in Lebanon, incidence & control 381
- in Libya, age variation, & chemotherapy 2824
- localization of ova in brain 3372
- localization in testis 2239
- in Madagascar
 - control programme 1589, 4259
 - local survey 3883
- in Mali
 - chemotherapy 5540
 - proteinuria 2267
- in Morocco, focus 1609
- in Mozambique, localization in female genitalia 8
- in Nigeria, epidemiology & water resource developments 3202
- niridazole 3783
- niridazole & egg viability 4812
- pathology 5751
- pathology of bladder 1308, 3626
- pathology of lung 4963
- pathology of urinary tract 2575
- piperazine diantimonil tartrate 3730
- pulmonary manifestations 4698
- in Rhodesia, trichlorphon 4843
- role in appendicitis, discussed 3634
- in Saudi Arabia, survey 5334
- serum IgE levels 1232
- in South Africa, case report 1009
- in Tanzania
 - control 4814
 - economic loss 3122
 - local survey & control of intermediary 4423
 - oxamniquine 4832
- technique for detecting, ova, in urine 1560
- in Upper Volta, niridazole 2722
- urinary acidic glycosaminoglycan excretion 261
- urinary neutral mucopolysaccharides 3131
- in Zambia
 - incidence 2826
 - pathogenicity 522
- morphology of integumental surface 5128

***Schistosoma haematobium* contd.**

- oocytes in testes 6470
- ova, technique for counting, in urine 2129
- in *Planorbium metidjensis*, in Portugal, susceptibility 120
- & *Schistosoma bovis*, ova, compared 4585
- & *Schistosoma intercalatum*, in man, in Cameroon, hybridization 5353
- & *Schistosoma mansoni*, in man, in USA, paraplegia & ectopic skin lesions 5767
- (South Africa & Sudanese strains), in hamster, compared 2313
- sporocyst, ATPase activity 5299
- (Sudanese strain)
 - in hamster, mortality of schistosomula in skin 4492
 - in mouse, mortality of schistosomula in skin 4492
- technique for culturing 4202
- timing of reproductive cell development & movement 6306

S. incognitum

- cercariae, longevity 3659
- miracidia, longevity 3659
- ova, longevity 3659
- in pig, niridazole 4848

S. indicum

- in mule, in India, pathology of liver 1347
- in ruminants, in Bangladesh, survey 1671

S. intercalatum

- in man, in Cameroon, pathology of liver & rectum 2571
- & *Schistosoma haematobium*, in man, in Cameroon, hybridization 5353
- & *Schistosoma mansoni*, in man, pathology, compared 2571
- in South Africa, cercarial shedding pattern 5799

S. japonicum

- antigen analysis 4692
- in cattle
 - COPT 228
 - in Japan, pathology 2565
- cercariae
 - chlorine & infectivity 5868
 - in monkey, hypersensitivity 229
- in chimpanzee, nephropathy & portacaval shunt 1930
- diagnosis by COPT 5740
- in vitro, embryology, & ova production 2603
- in laboratory animals, worm recovery rates of different strains 1155
- in *Lithoglyphopsis aperta*, in Laos, transmission 6137
- in *Macaca fascicularis*, immunopathology of nephritis 4684

***Schistosoma japonicum* contd.**

- in *Macaca mulatta*, immunization & schistosomula survival 4648
- in man
 - in China
 - control of intermediary 2738
 - epidemiology, reviewed 2648
 - general account 3862
 - extracorporeal filtration 513
 - in Indonesia
 - epidemiology 4242
 - local survey 4412
 - in Japan
 - calcification of liver 1023
 - epidemiology, reviewed 2649
 - IgE 4661
 - in Philippines
 - diagnosis by agar gel immunodiffusion test 745
 - diagnosis by COPT, & local survey 3081
 - ecology of intermediary 5096
 - epidemiology, reviewed 2012, 2648
 - incidence 4434
 - local survey 4941
 - in South East Asia, epidemiology, reviewed 2012
 - in Taiwan, epidemiology, reviewed 2648
 - technique for diagnosing, compared 4941
 - in Thailand, case report, & new focus 4432
- (Mekong strain), culture of intermediary 2370
- in *Microtus montanus*, experimental 5033
- in monkey, immunohistopathology 2485
- in mouse
 - egg production & thiourea compounds 4750
 - functional morphology & histochemistry 4750
 - granuloma formation 1938
 - survival of ova in host tissues 4771
- in *Oncomelania hupensis*, in Indonesia, local survey 840
- in *Oncomelania hupensis formosana*
 - acquired resistance 3072
 - in Taiwan, strain susceptibility 6120
- ova, in mouse, maturation 2759
- in *Pachydroma bayayi*, in Laos, transmission 6137
- in *Pan*, circulating antigens 6234
- in *Papio*, tubercidin 3743
- in rabbit
 - circulating antigen 4646
 - diagnosis by COPT 4639
 - immunology 5242
 - survival of ova in host tissues 4771
- strains, in monkey, anti Ig antibodies 749

***Schistosoma japonicum* contd.**

- technique for culturing 4879
- intermediary 1554
- timing of reproductive cell development & movement 6306
- ultrastructure 158

S. leiperi

- in *Bulinus*, experimental 1572
- in *Kobus*, in Botswana, life-history 1572
- in *Praomys natalensis*, experimental 1572
- in *Sacostomus campestris*, experimental 1572
- in South Africa, cercarial shedding pattern 5799

S. mansoni

- acid phosphatase activity 3168
- aerobic & anaerobic carbohydrate metabolism & egg production 302
- amino acid active transport 4194
- amino acid uptake 2577
- antigen analysis 4641, 5731
- antimony dimercaptosuccinate & vitelline cell development 2673
- in *Arvicantis niloticus*, in Egypt 3439
- & asthma, in man 4709
- in baboon
 - heterologous immunity 4685
 - immunity & pathogenicity 5257
- in *Biomphalaria*, host specificity & resistance 5078
- in *Biomphalaria alexandrina*, host carbohydrate metabolism 1309
- in *Biomphalaria arabica*, in Saudi Arabia, survey 5334
- in *Biomphalaria glabrata*
 - genetics of host susceptibility 4674
 - histopathology 4700
 - host biochemistry & respiration 2557
 - secondary daughter sporocysts 4892
 - in St. Lucia, bionomics of cercariae & miracidia 5331
 - susceptibility of strains 2934
 - tissue damage 3620
- in *Biomphalaria orbigny* n.sp., refractory to infection 2943
- in *Biomphalaria pfeifferi*
 - in Ethiopia, multiple infections 1770
 - morphogenesis 1768
 - morphogenesis of tegument after penetration 1802
 - penetration & ultrastructure of miracidial glands 1813
- in *Biomphalaria pfeifferi* in Ethiopia, survey 3694
- in *Biomphalaria salinarum*
 - development
 - & host response 1145
 - & morphology 1195
- in *Biomphalaria straminea*, in Brazil (South East), susceptibility 5085

***Schistosoma mansoni* contd.**

- in *Biomphalaria tenagophila*, in Brazil (South), resistance 211
- cercariae
 - anomalous specimen 5122
 - argentophilic papillae 6178
 - behaviour 5325
 - biochemical changes on transformation to schistosomula 817
 - calcium content & protease activity 285
 - factors affecting longevity & infectivity 1943
- in *vitro*, TBTO 921
- transformation to schistosomula 2596
- γ -irradiation 2600
- in laboratory animals, penetration of eye 2628
- niclosamide & penetration 4272
- photoreceptors 691
- surface permeability 301
- tail loss & permeability 291
- temperature & emergence & development 6296
- ultrastructure of head gland 6169
- ultraviolet irradiation 2599
- zinc 909
- culture & immunity, reviewed 5241
- development of vitelline cell & role in drug sequestration 2766
- digestion & absorption 3168
- & *Escherichia coli*
 - in hamster, resistance & lung inflammation 241
 - in mouse, resistance & lung inflammation 241
- freeze-fracture study of tegumental membrane 1801
- glycogen metabolism 4743
- in guinea-pig
 - cutaneous basophil hypersensitivity 4624
 - cytotoxic antibody 4110
 - macrophage migration inhibition 4624
- in hamster
 - anthelmintics screened 5910
 - endocrine changes 1307
 - oestrogen & sex ratio 4634
 - quinine 1507
 - quinine isomers 1507
 - tegument & host diet 2614
 - thiophene derivatives 433
- histochemistry of integument 4770
- host macroglobulin localization 6237
- hycanthone, mode of action 4276
- in *vitro*
 - anthelmintics, tested 2668
 - hycanthone, mode of action 2685
 - reproduction 2616
- in laboratory animals
 - cercarial complement activation 3583

Schistosoma mansoni *contd.*in laboratory animals *contd.*

hycanthone 3729

sodium antimony dimethylcysteine

tartrate 393

lipid antigens 1218

in *Macaca mulatta*

immune serum & transfer factor 4656

immunization 5197

in man

amyloidosis 4157

antibody analysis 1231

antibody levels & chemotherapy 5733

antigen in kidney 5207

barium enemas & chemotherapy 4807

in Brazil

cholecystitis 6015

drug resistance 2691

hycanthone 1501, 3711

liver disease 4731

oxamniquine 2670, 2728, 4311

pathology of small intestine 10,
1017

urinary antigen 4085

in Brazil (North East)

hycanthone 385

hycanthone & reinfection 874

infection intensity & morbidity 5267

local survey 1633

proteinuria 771

X-ray evaluation 2560

in Brazil (South), incidence 1632

in Brazil (South East)

chemotherapy 5855

epidemiology, & longevity 757

in Britain, granulomatous oophoritis
3373

bronchial challenge 750

cercarial complement activation 3583

chemotherapy 3725

chemotherapy & eosinophilia 4140

chemotherapy & vaccination 4088

cholecystitis 549

diagnosis 4402

diagnosis by COPT 236

diagnosis by DASS 1847

diagnosis by eosinophil migration test
6236

diagnosis by IFAT 4109

diagnosis by peroxidase antiglobulin test
222

diaminodiphenylsulphone 3273

ecology of intermediary 1775

in Egypt

Aswan Dam & ecology of

intermediary 4784

chemotherapy 3731

control of intermediary 4247

incidence & Aswan Dam 4789

irritable colon syndrome 3152

niridazole & colonic polyposis 4251

Schistosoma mansoni *contd.*in man *contd.*

eosinophil mediated schistosomula

damage 718

in Ethiopia, morbidity 4950

in France, diagnosis of exotic infection
4394

in Guadeloupe

case report 1607

survey 5560

histopathology & niridazole 4262

host pyruvate metabolism 3617

hycanthone 5362

reviewed 3719

hypersplenism & treatment 1498

immunopathology, reviewed 797

in Ivory Coast, serodiagnosis 3588

in Kenya

chemotherapy 4850

control 4851

control of intermediary 2665

epidemiology 3194

hycanthone 3779

infection intensity & morbidity 5281

niridazole & delayed hypersensitivity
1882

pipestem fibrosis 4725

reviewed 1622

localization of ova in brain 3372

in Madagascar

control programme 1589

local survey 3883

neurological involvement & treatment
1031

in Niger, epidemiology 112

non-specific autoantibodies 3547

oxamniquine 2660, 3721

pathology 4703

pathology of central nervous system
2561

pathology of kidney 3633

prognosis 2556

in Puerto Rico, hycanthone 4313

pulmonary manifestations 4698

resistance to hycanthone 3795

in Rhodesia, diagnosis by FAT 6258

role of eosinophil 2504

in Saudi Arabia, survey 5334

schistosomal pigment 4145

serum IgE levels 1232

sodium antimony dimethylcysteine
tartrate 393

in South Africa, case report 1009

in St. Lucia

control by household water supply
3745, 3811

control of intermediary 940

distribution of intermediary 6140

hycanthone 4256

hycanthone & reinfection 3717

in Sudan

incidence 6013

Schistosoma mansoni contd.

in man contd.

in Sudan contd.

pathogenicity 6268

survey 3694

in Tanzania

chemotherapy 4815

local survey & control of

intermediary 4423

technique for detecting 4885

technique for diagnosing

compared 4884

by immunoelectroosmophoresis

1274

transfer factor & immunity 5240

tubal gestation 2266

in Uganda

hycanthone methanesulphonate

3767

local survey 4435

in Venezuela, symptomatology 759

in Zaire, pathology of liver 1933

membrane antigens 1277, 2491, 4654

metabolites suppressing lymphocytes

6223

in *Microtus montanus*, experimental

5033

miracidia

in *Biomphalaria glabrata*, penetrative

capacity 824

in vitro, TBTO 921

peroxidase activity 3161

stimulation by calcium & magnesium

5310

swimming stimulated by magnesium

5315

ultrastructure & function of nervous

system 1798

in monkey

immunization 3572

26,354 R.P. 3224

in mouse

acquired immunity 4681

anthelmintics, tested 426

anthelmintics screened 5910

antimony potassium tartrate & brain γ -

aminobutyric acid & acetylcholine

levels 6418

carrageenan & suppression of

hypersensitivity 3028

cholesterol levels 818

circulating polysaccharide antigen in

Kupffer cells 2505

cytotoxic antibody 4110

diabetes & pathogenicity 1861

eosinophil dynamics 1252

fate of irradiated larvae 4685

hycanthone 1486

immunisation 746

immunology 3555

lung schistosomula & resistance 1278

malnutrition & pathology 3611

Schistosoma mansoni contd.

in mouse contd.

migration after transplantation from

hamster 6461

5-nitrothiazoles 3741-3742

5-nitro-4-thiazolines 3741-3742

oxamniquine as prophylactic 6410

pathogenicity of strains 3438

pathology of kidney 273

quinine 1507

quinine isomers 1507

role of eosinophil 2504

schistosomal pigment 4145

serum proteins 1270

surgical transfer from host to host

5191

susceptibility to hamster adapted form

6212

T-cell dynamics 3591

thiophene derivatives 433

treatment by antieosinophil sera 1252

worm transfer & host antigen 5196

26,354 R.P. 3224

nucleotide metabolism 1958

ova

anomalous specimen 6168

antigen isolation 4112

in faeces, technique for detecting,

compared 1552

in mouse, inhibition of granuloma

formation 1217

in sewage, halogens & ozone 3760

soluble antigens & enzymes 4631

technique for detecting, in faeces 4884

in *Papio*, tubercidin 3743& *Paragonimus*, in man, in Ivory Coast

1614

in *Praomys* (*Mastomys*) *natalensis*, fatty

acid metabolism 4745

protein turnover 2608

(Puerto Rican strain)

in *Biomphalaria glabrata*, age-related

susceptibility 1757

in *Biomphalaria straminea*, age-related

susceptibility 1757

in hamster, mortality of schistosomula

in skin 4492

in mouse, mortality of schistosomula in

skin 4492

purine & pyrimidine uptake 1955, 3171

in rat

hypersensitivity to antigen 3567

immunity 3088

in *Rattus norvegicus*, in Guadeloupe

5037

& *Ribeiroia marini*, in *Biomphalaria**glabrata*, antagonism 4215

in rodents, in Brazil (South East),

epidemiology 6327

& *Salmonella*, in man, in Egypt 6150

- Schistosoma mansoni* contd.**
 & *Salmonella paratyphi* A
 in man
 association 3514
 nephrosis 674
 & *Schistosoma haematobium*, in man, in
 USA, paraplegia & ectopic skin lesions
 5767
 & *Schistosoma intercalatum*, in man,
 pathology, compared 2571
 schistosomula, ultrastructure of head
 gland 6169
 in sheep, in Sudan, pathology 6264
 & splenomegaly, in man, in Ivory Coast,
 aetiology 1294
 sporocyst, ATPase activity 5299
 sporocysts
 acetylcholinesterase activity 2592
 in *Biomphalaria glabrata*, localization of
 cytochrome *c*-cytochrome oxidase
 activity 808
 predation by *Echinostoma paraensei*,
 rediae 4561
 stunted adults & slide flocculation test
 6232
 sugar uptake & metabolism 303
 technique for preparing, for microscopy
 6442
 technique for transplanting, into hamster
 6445
 & tetanus, in mouse, depression of
 immune response 5700
 timing of reproductive cell development &
 movement 6306
 & *Trypanosoma cruzi*, in man, in Brazil
 (North East), local survey 536
 & typhoid, in man, in Brazil, interaction
 5660
 ultrastructure of sperm 6473
- S. margrebowiei***
 in *Bulinus*, experimental 1572
 in *Kobus*, in Botswana, life-history 1572
 in *Praomys natalensis*, experimental
 1572
 in *Saccostomus campestris*, experimental
 1572
 in South Africa, cercarial shedding pattern
 5799
- S. mattheei***
 cercariae, temperature & emergence &
 development 6296
 in man, in Zambia, case reports 3367
 in mouse, fate of irradiated larvae 4685
 in sheep
 anaemia 5274
 irradiated larvae conferring immunity
 4122, 4685
 pathogenicity attenuated by passage
 through hamsters 2550
 synonym of *Schistosoma bovis* 4585
 technique for infecting
 cattle 953
- Schistosoma mattheei* contd.**
 technique for infecting *contd.*
 sheep 953
- S. nasalis***
 in buffalo
 in India, age & seasonal variation
 4236
 pathology 4729
 serum protein fractions 5711
 in cattle
 in India, age & seasonal variation
 4236
 nasal granuloma 5255
 serum protein fractions 5711
 cercariae
 predation by *Lebistes reticulatus* 4213
 survival & temperature 1959
 in *Indoplanorbis exustus*, in India,
 incubation period & host survival
 1769
 miracidia, predation by *Lebistes*
 reticulatus 4213
 ova, in mucus, technique for counting
 6451
 in ruminants, in Bangladesh, survey
 1671
- S. rodhaini***
 in baboon, heterologous immunity 4685
 cercariae, argentophilic papillae 6178
- S. spindale***
 in *Panthera leo*, in India, new record (h.)
 1702
 in ruminants, in Bangladesh, survey
 1671
- Schistosomatid cercariae**, in freshwater
 molluscs, in USSR (Lithuania) 1141
- Schistosomatidae**
 cercariae, in man, in Japan, epidemiology
 126
 chaetotaxy 4571
 monographed 5501
- Schistosomatium douthitti***
 miracidia, attachment & penetration
 apparatus 4574
 in mouse, temperature & worm burden
 2496
 ultrastructure 6165
- Schistosoma dermatitis**, in man, in China
 (North East) 1415
- Schistosoma miracidia**, immobilization by
 snail tissue extracts 3057
- Schistosomes**
 control of intermediaries 3791
 in man, non-chemical control of
 intermediary, reviewed 1475
- Schistosomula**, technique for storing, by
 cryopreservation 2744
- Schizamphistomum taiwanense***, n.sp., in
Chelonia japonica, in Taiwan 2406
- Schizopygopsis stoliczkae***, *Dactylogyrus*
pamirensis n.sp. 2396

- Schizorchis altaica*, in *Ochotona rufescens*, in USSR (Turkmenia), new record (h.) 1078
- Schizothorax intermedius*
Gyrodactylus hemivicinus n.sp. 6157
G. kafirniganensis n.sp. 6157
- Schönbaueria gigantea*, *Mesomermis arctica* n.sp. 488
- Schwartzitrema lucknowensis*, n.sp., in *Threskiornis melanocephalus*, in India 2417
- Sciaena*, *Pleurocercus tandoni* n.sp. 1203
S. axillaris, *Paramazocraes axillariai* n.sp. 681
- Sciarinae*, *Tetradonema plicans* 113
- Sciurus carolinensis*, *Dirofilariaeformia pulmonis* n.sp. 1833
- S. carolinensis carolinensis*
Catenotaenia 5038
Taenia taeniaeformis 5038
- S. palmarum*, *Subulura hindi* 5166
- S. vulgaris*, *Lemuricola (Rodentoxuris) sciuri* 1840
- Scolopax rusticola*, *Aploparaksis scolopacis* 2982
- Scolytidae*, *Allantonematidae* 5693
- Scolytus multistriatus*, *Bursaphelenchus scolyti* n.sp. 2189
- S. muticus*, *Sychnotylenchus mutici* n.sp. 2187
- S. scolytus*, *Neoplectana* 5642
- S. ventralis*
Mesorhabditis longistomis n.sp. 2183
Neoditylenchus corniculatus n.sp. 2186
- Sea of Japan
Mazocraeoides dussumieri n.sp. 6161
Mazocraes longicauda n.sp. 6161
Papillochoricotyle ilishae n.g., n.sp. 6161
Paramazocraes vicinus n.sp. 6161
Pseudobunocotyla yamagutii n.sp. 5673
- Seal
helminths 62, 2897
Uncinaria lucasi 2765
- Sebastes marinus*, *Stephanostomum davisi* n.sp. 4076
- Segmentina nitida*, paramphistomatids 662
- Seinura*, in USA, key to spp. 2191
- S. arizonensis*, n.sp., in *Ips integer*, in USA 2191
- S. attenuata*, n.sp., in *Dendroctonus terebrans*, in USA 2191
- Selar crumenophthalmus*, *Camallanus carangis* 5179
- Selatosomus aeneus*, *Neoplectana carpocapsae*, (agrios strain) 4536
- Semiothisa pumila*, *Neoplectana semiothisae* n.sp. 5185
- Semisulcospira*, cercariae 1771
- Semotilus atromaculatus*
Acanthocephalus jacksoni 828
Dactylogyrus attenuatus 680
D. microphallus 679
- Semotilus atromaculatus* contd.
Proteocephalus 828
P. buplanensis n.sp. 4055
- Senegal
strongylids 5450
Strongyloides 5450
Thelazia 3295
- Sepia officinalis*, *Derogenes varicus* 5091
- Seriola nigrofasciata*, *Camallanus carangis* 5179
- Seriolella brama*, *Echinophallus seriolellae* n.sp. 6172
- S. violacea*, *Pseudoeyrsochis sarmientoi* n.g., n.sp. 683
- Sesarma*, *Paragonimus* 109
- S. dehaani*
Megalophallus miyazaki n.sp. 1601
Paragonimus iloktsuenensis 2367-2368
- S. intermedia*, *Megalophallus miyazaki* n.sp. 1601
- Setaria
in cattle, in India, chemotherapy 3757
in *Rangifer tarandus*, in Sweden, histopathology 4733
- S. cervi*, in *Cervus elaphus maral*, development 976
- S. digitata*
in cattle, in Japan, pathology of urinary bladder 5283
in horse, in Philippines, treatment by surgery 6029
morphology 713
scanning electron microscopy 3000, 516
- S. equina*
in horse, in Mexico, localization in eye 3407
morphology 713
scanning electron microscopy 3000
- S. labiatopapillosa*
bibliographical search for early literature 4910
in *Giraffa camelopardalis*, in Tanzania, morphology 3542
literature 712
morphology 713
- S. marshalli*, scanning electron microscopy 5168
- Seuratoidea
& Rictulariidae, phylogenetic relationships, discussed 975
& Subuluridae, phylogenetic relationships, discussed 975
- Seuratoma cadarachense*, in *Locusta migratoria*, histopathology, & morphogenesis 975
- S. cancellatum*, in Chiroptera, in USA (West Central), redescribed 4617
- Sewage
Ascaris, ova 851, 2105, 5327, 5830
A. suum, ova 849
Diphyllobothrium, ova 2105
D. latum 1428

Sewage contd.

- helminth larvae & ova 5965
- helminth ova 850, 2672, 3282
- helminths 2799
- Hymenolepis fraterna*, ova 849
- Schistosoma mansoni*, ova 3760
- Taenia*, ova 849
- T. saginata*, ova 3688, 5541
- Trichostrongylus*, ova 851
- Trichuris*, ova 851, 2105

Sharks, Branchellion lobata 3842**Sheep**

- AC-1 354, 1450
- acemidophen 5906
- aluminium iodide 1525
- alveolar hydatid 1162, 1353, 4052, 5306
- anoplocephalids 574, 1054, 4982
- anthelmintics 413, 417, 432, 1484, 2042, 2093, 2730, 3297, 4270, 4275, 4796, 4798, 4827, 4935, 5382, 5415, 5425, 5836, 5912, 6378, 6383, 6438
- antibiotics plus carbon tetrachloride 870
- Avitellina* 1057, 1683, 2068, 3418
- & enterotoxycosis 6287
- A. centripunctata* 1055
- bephenium hydroxynaphthoate 1497
- trans*-1,4-bis(2-isothiocyanoethyl)cyclohexane 3809
- bithionol 1436, 1534, 1903, 2072
- bithionol plus 2,4-dichlorophenol 5874
- bithionol sulphoxide 416, 427, 1436, 2072, 2095, 5364, 5414, 5872
- bithirazine 1534
- Bunostomum trigonocephalum* 4687–4688
- Butea frondea* extract 2688
- calcium arsenate 1522
- Calicophoron calicophorum* 3923
- cambendazole 883, 3707, 3776, 3790, 4309, 5401
- Camelostrongylus mentulatus* 6036
- Capillaria bovis* 6459
- carbon tetrachloride 920, 1525, 2114, 2700, 3261, 5957
- carbon tetrachloride plus *N,N'*-diphenyl-*p*-phenylene diamine 2033, 4273
- carbon tetrachloride plus
- hexachloroethane 416, 2095, 3261, 4791
- carbon tetrachloride plus hexachlorophene 4791
- carbon tetrachloride plus orotic acid 1535
- cestode larvae 4999
- Chabertia* 859
- chlorphenzidol 1436
- clioxanide 2662
- Coenurus* 1222, 1541, 1783, 2874
- C. cerebralis* 1043, 3110, 4987, 5305
- Cooperia curticei* 3610

Sheep contd.

- copper sulphate 1438–1439, 1508, 2703
- copper sulphate plus niclosamide 1481
- copper sulphate plus phenothiazine salt 1435
- Cotylophoron cotylophorum* 3423, 3923
- coumaphos 3720
- cyacetazide 4801, 5381, 5423, 5445
- cyacetazide plus diethylcarbamazine 378
- cyanacetylhydrazone 2101
- Cysticercus* 36, 1339, 2289
- C. ovis* 1002, 3870, 3926
- C. tenuicollis* 767, 1312, 1929, 5101, 5305, 5771, 6039
- 4,4'-diaminodiphenylsulphide 3716
- diamphenethide 420, 3715, 4839
- diamphenethide analogues 4281
- diazinon 1516, 2049
- dicresyl ester 2049
- Dicrocoelium* 772–773, 795, 933, 1391, 1924, 2110, 3115, 3248, 4457
- D. dendriticum* 1163, 1812, 2755, 2879, 3283, 4922, 5077, 5787, 6350
- Dictyocaulus* 1440, 1881, 3048, 3679, 5248
- D. filaria* 231, 723, 1284, 3271, 4651, 5199, 5476, 6226–6227, 6240, 6277
- diethylcarbamazine 5395, 5423
- diethylcarbamazine citrate 1525, 5381, 5395
- diethylcarbamazine citrate plus morantel tartrate 3815
- diethylcarbamazine plus morantel tartrate 2115
- diphenyl sulphides 1446, 1489, 1534, 1544
- disophenol 372, 1931
- Elaphostrongylus rangiferae* 752
- Fasciola* 223, 335, 500, 582, 793, 838, 1327, 1340, 1440, 1487, 1536, 1663, 1881, 1890, 1994, 2035, 2110, 2471, 2873, 3019, 3157, 3248, 3416, 3425, 3613, 4129, 4295, 4373, 4981, 5569
- F. gigantica* 1907, 2032, 3410, 3621, 4689
- F. hepatica* 583, 738, 1901, 1907, 2205, 2528, 2878, 3210, 3410, 3801, 4142–4143, 4257, 4704, 4707, 4794, 4922, 4935, 5006, 5340, 5957, 6262
- Fascioloides magna* 4986
- fenbendazole 348, 395–396, 444, 899, 1452, 1478, 1593, 2074, 2666, 2686, 5458, 6365
- fenchlorphos 2057, 2679
- furfuryl dithiocarbamate ethane 2203
- gastro-intestinal helminths 6284
- gastro-intestinal nematodes 1551, 2704, 4375, 4994, 5002, 5519, 5814
- gastro-intestinal strongyles 332
- Haemonchus* 1389, 1541, 1932, 5352, 6348

Sheep contd.

Haemonchus contd.

H. contortus 40, 732, 775, 1002, 1235, 1306, 1931, 2005, 2540, 2587, 2652, 3163, 3668, 4086, 4100, 4222, 5249, 5520

H. contortus cayugensis 5801

haloxon 6352

helminths 40, 305, 1035, 1045, 1050, 1158, 1161, 1662, 1668, 1688, 2009, 2014, 2046, 2195, 2291, 2572, 2785, 3219, 3223, 3409, 3921, 4918, 4989, 5004, 5109, 5369, 5382

hexachloroethane 3261

hexachloroparaxylene 932, 1525, 2085, 3248, 3261, 4794, 5408

hexachloroparaxylol 1534

hexachlorophene 380, 416, 1479

hydatid 36, 224, 256, 341, 764, 1268, 1285, 1311, 1332, 1339, 1418, 1866, 2288, 2804, 3193, 3248, 4235, 4557, 5103, 5277, 5305, 5923, 6042

Impalaia tuberculata 6047

intestinal helminths 2871

Iodinol 869

KP-4 416

levamisole 352, 356, 2077, 2681, 3734, 3738, 3774, 4842, 5360, 5413, 5431, 6419

levamisole hydrochloride 1545, 3789

levamisole phosphate 3227, 3789

lungworms 4984, 5966

male fern extract 1522, 2114

manganese arsenate 2059

Marshallagia 423, 1677, 1923, 5248, 5262

mebendazole 387, 898, 2028, 2735

methyl 5 (6)-phenylsulphonyl-2-benzimidazolecarbamate 2031

methyridine 1444

Moniezia 848, 1305, 1399, 1414, 1541, 3416, 4373, 4467

& enterotoxigenesis 6287

M. benedeni 1056, 1686-1687, 3422

M. expansa 1686-1687, 3422, 4991, 6280

morantel tartrate 2115, 4374, 5413, 5450

Muellerius capillaris 1593, 6431-6432

Multiceps multiceps 41

nematodes 234, 575, 1680, 2202, 2292, 3924-3925, 4844, 4933, 5107, 5966

Nematodirus 1328, 2877, 3085, 3299, 4462, 5248, 5276, 6357

N. battus 339, 1675-1676, 1998, 2506, 4107

N. filicollis 1998, 3689

niclofolan 1511, 1543, 2032, 2049, 5957

niclosamide 1497, 1534, 2068, 2072, 3813, 4374

nicotinic acid derivatives 1444

Nilzan 376

nitroxylin 3797, 3812, 4252

nitroxylin eglumine 5366

Sheep contd.

Oesophagostomum 859

O. columbianum 40, 1373, 4988

O. dentatum 1373

O. radiatum 1373

Ornithobilharzia turkestanicum 1301

Ostertagia 1932, 2569, 3616, 5276, 5352

O. circumcincta 246, 2570, 3031, 3200, 3690, 4071, 4164, 4696, 5250, 5734, 6253, 6286, 6333

O. (Marshallagia) marshalli 4071

O. (Mouflonagia) podjapolsky 4071

O. trifurcata 4071

oxyclozanide 376, 1479, 2032, 2676, 5957

oxyclozanide plus tetramisole 4834

oxyclozanide plus tetramisole

hydrochloride 2676

oxyphenizide 2101

Parabronema skrjabini 38

paramphistomatids 3817

paramphistomes 1047, 1903

Paramphistomum cervi 3421

P. microbothrium 796, 3937

parasites 5587

parbendazole 3747, 3774

phenothiazine 2733, 5381, 5408, 5416, 6427

phenothiazine plus salts 1483

protostrongylids 32, 311, 452, 1044, 4374, 5572

Protostrongylus hobmaieri 1049, 1385

pyrantel tartrate 421, 2101, 2112, 2115, 2656, 3774, 3800

rafoxanide 1479, 2030, 2662, 3776, 5432, 5877

rafoxanide analogues 4281

rafoxanide plus thiabendazole 5432, 5877

resorantel 4373

Schistosoma bovis 4713

S. mansoni 6264

S. mattheei 2550, 4122, 4685, 5274

Skrjabinema 6345

S. ovis 3424

Spiculocalus kwongi 32

strongyles 313

strongylids 2014, 4454, 5580, 5813

Strongyloides 2877

& pneumonia 265

S. papillosus 247, 1296, 1338, 3150, 5970

& *Sphaerophorus necrophorus* 1791, 2962, 4565

Taenia ovis 5729

technique for infecting, with *Schistosoma mattheei* 953

technique for rearing, helminth-free 1562

tetramisole 415, 2666, 4287, 5459, 6381

tetramisole hydrochloride 368, 1444, 1458, 1471, 2676, 3277, 3774, 4374, 4834, 5423, 5898, 5913, 6359, 6422

Thelazia janikurgani n.sp. 3010

Sheep *contd.*

- thiabendazole 352, 1444, 2014, 2666,
3218, 3236, 3738, 3768, 3774, 3788,
4287, 4823, 5413, 5459, 5898, 6352
- thiophanate 2719
- Thysaniezia* 1057, 3418
- Thysanosoma actinioides* 352, 2287
- tin arsenate 1522, 2068, 2072
- p*-toluoyl chloride phenylhydrazone 367,
6369
- toxicity
of *Anguina*-infested *Lolium rigidum*
5266
of anthelmintics 413, 417, 1534
of bithionol sulphoxide 5364
of cambendazole 883
of carbon tetrachloride 2033, 2700,
4791
of carbon tetrachloride plus *N,N'*-
diphenyl-*p*-phenylene diamine 2033,
4273
of carbon tetrachloride plus
hexachloroethane 2095
of copper sulphate 1438–1439, 1508,
2703
of cyacetazide 5440
of dicresyl 2057
of diphenyl sulphides 1544
of fenbendazole 444
of fenchlorphos 2057, 2679
of furfuryl dithiocarbamate ethane
2203
of hexachlorophene 380
of phenothiazine 2733, 6427
of phenothiazine plus salts 1483
- Tremanol 416
- trichlorphon 2049, 2114, 4287, 6381
- trichostrongyles 1545
- trichostrongylids 1002, 1993, 2638, 5352,
5519, 5801, 6037, 6348
- Trichostrongylus* 3353, 5276, 5744
- T. colubriformis* 1894, 2541, 3116, 3156,
3638, 6286
- T. vitrinus* 4936
- T. witenbergi* n.sp. 707
- Trichuris* 859
- T. ovis* 5736
- Shellfish**, *Thynnascaris* 4787
- Shipleya inermis**, embryo-phore,
histochemistry, & ultrastructure 2979
- Shrew**, nematodes 4559
- Shrimp**, helminths 4921
- Shults, R.S.**, obituary 5490, 5495
- Sibdella solomoni**, n.g., n.sp. 471
- Sicarius caudatus**, n.sp., in *Pycnonotus*
capensis, in Israel 1216
- Sierra Leone**, *Schistosoma* 3892
- Siganus vermicularis**, *Neobenedenia*
vermiculariacola n.sp. 4035
- Sigmodon hispidus**
alveolar hydatid 4114, 4159, 6384

Sigmodon hispidus *contd.*

- benzimidazole compounds 3229
- 3,8-disubstituted 1,3,8-triazabicyclo decan-
2-ones 2109
- 3,8-disubstituted 1,3,8-triazabicyclo decan-
2-thiones 2109
- Litosomoides carinii* 2319
- mebendazole 1442
- Sika nippon**, *Nematodirus roscidus* 1672
- Sillago sihama**, *Diplectanum blairensis* n.sp.
140
- Silurus**
Dilepis unilateralis, cysticeri 1118
Paradilepis scolecina, cysticeri 1118
- S. glanis**, *Orientocreadium siluri* 6489
- Simuliids**
biological control 3347, 3490
control by particulate insecticides 5909
- Lanceimeris ivashtschenkovae* n.sp.
4613
in Liberia, ecology & distribution 2933
mermithid larvae 955
mermithids 201, 655, 2364, 3479, 3491,
4613
Mesomeris patrushevae n.sp. 489
M. prisjaznoi n.sp. 489
M. tumenensis n.sp. 201
M. vashkovii n.sp. 201
technique for rearing 453
- Simulium**
Gastromermis 6117
Reesimeris nielsenii 4537
technique for maintaining, in laboratory
956
- S. amazonicum**, *Mansonella ozzardi* 5816
- S. damnosum**
control, general account 4863
in Guinea, distribution & ecology 1130
Isomeris tansaniensis n.sp. 486
in Liberia, distribution & ecology 1130
Mesomeris ethiopica n.sp. 488
methods for testing susceptibility to
insecticides 6428
Onchocerca volvulus 1587
in West Africa
control 1456
control by insecticides 1587
- S. kenya**, filariids 2933
- S. (Lewisellum) neavei**, *Onchocerca volvulus*
1623
- S. morsitans**
Gastromermis boophthorae 6132
Isomeris brevis n.sp. 486
Mesomeris minuta n.sp. 488
- S. ornatum**, *Onchocerca gutturosa* 1046
- S. venustum**
Isomeris wisconsinensis 644
Neomesomeris flumenalis 644, 3478
- S. vittatum**, *Neomesomeris flumenalis*
3490
- Singhiatrema lali**, in *Tropidonotus piscator*,
in India, new record (h.) 1811

- Sinopotamon chekiangense**, *Paragonimus westermani* 1149
- S. denticulatum denticulatum**, *Paragonimus hueitungensis* n.sp. 5665
- S. joshueiense**, *Paragonimus hueitungensis* n.sp. 5665
- S. kwanhsienense**
Paragonimus szechuanensis 1149
P. westermani 1149
- Siphonaptera**, parasites 5079
- Sirex cyaneus**
Deladenus canii n.sp. 178
D. rudyi n.sp. 178
- S. imperialis**, *Deladenus imperialis* n.sp. 178
- S. nigricornis**, *Deladenus proximus* n.sp. 178
- Skrjabillanus schigini**, n.sp., in
Ctenopharyngodon idella, in USSR (European) 6206
- Skrjabinagia lyrata**
in *Bos grunniens*
in USSR, new records (h.) 1673
in USSR (Tadzhikistan), new record (h.) 1048
- Skrjabinema**, in sheep, in USSR (European), age & seasonal variation 6345
- S. ovis**, in sheep, in Mexico, new record (g.) 3424
- Skrjabinemiinae**, n.subf. 1211
- Skrjabingylus**, in cat, localization in subarachnoid space 2303
- Skrjabinia cesticillus**
in *Dermestes*, in Cuba, host susceptibility 4002
in *Dermestes ater*, in Cuba, incidence, & seasonal variation 4003
- Skrjabinophyetus neomydis**, cercariae, chaetotaxy & taxonomy 6163
- S. soricis**, cercariae, chaetotaxy & taxonomy 6163
- Skrjabinus lanceatus**, in *Phoenicurus ochruros*, in USSR (Kirgizia), new record (h.) 3519
- Skryabin, K.I.**, commemorative book 4929
- Skvortsov, A.A.**, appreciation 5491
- Snails**
Angiostrongylus cantonensis 1153
biological control 5520
control
discussed 5417
& ecology 1475
control by *Sepedon spangleri* 4802
Cotylophoron cotylophorum 954
Cyclocoelum mutabile 4894
echinostome larvae 1126
Fasciola hepatica 954, 5467, 5520
nematodes 112
in Niger, control, & ecology 2935
Orientobilharzia turkestanicum 1415
Plagiorchis noblei 1565
protostrongylids 1147
- Snails contd.**
schistosomes 3057
trematodes 642, 2935, 4386
- Snake**
helminths 1103, 3451
Ophiotaenia najae 5065
- Sobolevicanthus fragilis**, in *Diaptomus graciloides*, in USSR (Siberia), new record (h.) 659
- S. gracilis**
in *Acanthodiptomus denticornis*, in USSR (Kazakhstan), new record (h.) 2361
in birds, adaptation to unusual hosts 5972
& *Retinometra guberiana*, in crustaceans, development, & morphology, compared 4056
- S. serratus**, in *Columba livia*, in India, morphology 2985
- Sobolevingylus**, in *Martes pennanti*, in Canada, new record (h.) 5016
- Sobolevitaenia verulamii**, in birds, in USSR (Ukraine), new record (g.) 71
- Soboliphyme hirundiniformis**, in *Talpa europaea*, in Austria, new record (g. & h.) 5040
- Soil**
ascarid ova 3793
Ascaridia, ova 4329
A. galli, ova 1382, 5800
Ascaris, ova 336, 1383, 1467, 2105, 3196, 3686, 5336, 5860, 5908, 6349
A. lumbricoides, ova 3183, 5964, 6318, 6388
A. suum, ova 3183, 5793, 6435
Dictyocaulus viviparus, larvae 3672, 4208
Diphyllbothrium, ova 2105
Enterobius vermicularis, ova 5964
helminth ova 830, 1407, 2023, 5901
Heterakis, ova 4329
Hexameris brevis 703
Liorchis scotiae, larvae & ova 1381
Mecistocirrus, larvae 5797
mermithids 4539
Necator, ova 831
nematode larvae 308, 2634
nematode ova 2641, 4868
Oesophagostomum, ova 5908
Stephanurus dentatus 1546
strongyle larvae 1390
Strongyloides, ova 5908
Taenia saginata, oncospheres 3189
Toxocara, ova 2641
T. canis, ova 2630
Trichuris, ova 1383, 2105, 3190, 3693, 5908, 6349
T. suis, ova 6435
T. trichiura, ova 5964
- Solomon Islands**, *Wuchereria bancrofti* 4870

Somalia*Haemonchus contortus* 6044*Impalaia tuberculata* 6046-6047*Schistosoma bovis* 6045**Somateria fischeri**, *Aploparaksis birulai* 6181**S. mollissima**, *Hymenolepis diorchis* 2427*Microphallus pygmaeus* 6134**Sorex**

helminths 1711

Hymenolepis 2938

nematodes 3540

S. caecutiens*Capillaria oschmarini* n.sp. 3540*Longistriata caudabulata* 3540*L. yamashitai* 3540**South Africa***Ascaris* 539, 5538*Biomphalaria pfeifferi* 5076*Bulinus* (*Physopsis*) 5076*Bunostomum phlebotomum* 5444*Coenurus serialis* 6081

cutaneous larva migrans 4325

Cysticercus pisiformis 6081*Echinococcus* 5111*Fasciola hepatica* 5444*Gastrodiscus aegyptiacus* 4131

helminths

in animals 6499

in *Antidorcas marsupialis* 4471in *Connochaetes gnou* 3942in *Damaliscus dorcas phillipsi* 3942

in goat 4470

in man 3083

in *Panthera leo* 4485in *Redunca fulvorufula* 3942

hydatid 5111

Parafilaria bovicola 329, 6499*Paragonimus kellicotti* 540*Passalurus ambiguus* 6081*Schistosoma* 3369*S. haematobium* 1009*S. intercalatum* 5799*S. leiperi* 5799*S. mansoni* 1009*S. margrebowiei* 5799*Trichinella spiralis* 5112**South America***Cysticercus* 668*Hexameris* 5088*Trichinella spiralis* 2841**South Arica**, *Haemonchus placei* 5444**South China Sea**

helminths

in *Rachycentron canadus* 4530in *Triacanthus brevirostris* 4530

trematodes, in fish 1394

Space flight, *Nematospiroides dubius* 5300**Spain***Dactylogyrus* 4569

filiariids 5518

Spain contd.

gastro-intestinal nematodes, in sheep

5002

helminths

in man 1402

in *Salmo gairdnerii* 90in *Salmo trutta* 83, 90in *Salvelinus fontinalis* 90

hydatid 910, 916

Icosiella neglecta 2388*Leptophallus nigrovenosus* 1188*Ostertagia* 4071*Parahistiostrongylus viguerasi* 65*Physaloptera alata* 2388*Plagiorchis vespertilionis* 65*Protostrongyloides* 5260*Rictularia proni* 2388*Subulura baylisi* 2388*Telorchis solivagus* 155

trematodes 3340

Trichinella 22

trichostrongylids 5518

Spalax ehrenbergi, *Heligmonina nevoi* n.sp. 5186**Spargana**

in man

anomalous specimen 6220

in Taiwan, case report 2818

Sparganum, in man, in Botswana 3637**Sparganum**in *Rana nigromaculata*

in Korea

incidence 6100

local survey 5628

& virus, in man, in USA (West South Central) 1789

S. mansoni

in man

intestinal perforation 6010

in Korea, case reports, & reviewed 2819

Sparus, *Atraster bifidacanthus* n.sp. 2966**Spatula clypeata**, *Echinoparyphium petrowi* 4508**Spelotrema nicolli**, metacercariae, histochemistry & ultrastructure of cyst wall 2968**Sphaeridiotrema globulus**in *Bithynia leachi*, in USSR (Kazakhstan), overwintering 3666

in duck, life-history, experimental 1577

in fowl, life-history, experimental 1577

synonymy 1131

Sphaerirostris wertheimae, n.sp., in*Burhinus oedicnemus*, & *Vanellus**vanellus*, in Israel 1824**Sphaerophorus necrophorus**& *Strongyloides papillosus*

in rabbit

susceptibility 2962

transmission of bacteria 4565

Sphaerophorus necrophorus contd.& **Strongyloides papillosus** contd.

- in sheep
- susceptibility 2962
- transmission of bacteria 4565
- transmission of foot rot 1791

Sphaerularia bombi, ultrastructure of reproductive organs 5177**Sphaerularioidea**, n.rank 3861**Sphincteristomum nikolaevi**, n.sp., in *Rhinecanthus*, in Red Sea 4582**Sphyraena barracuda**, *Claribulla longula* n.g., n.sp. 5676**S. ensis**, *Pseudochauhaneya mexicana* n.sp. 6155**S. tessera**, *Capillaria sphyraeni* n.sp. 5179
Didymozoon apharyngi 4581**Sphyricephalus pelorosoma**, n.sp., in *Alopias superciliosus*, in USA (Pacific) 164**Spiculimeris angusta**, n.sp., in USSR (European) 487**S. chironomi**, n.sp., in *Cricotopus algarum*, & *Tanytarsus exiguus*, in USSR (European) 487**S. uniseriata**, n.sp., in *Tanytarsus exiguus*, in USSR (European) 487**Spiculocaulus kwongi**
in goat, in USSR (Uzbekistan), new record (g.) 32

in sheep, in USSR (Uzbekistan), new record (g.) 32

Spilotichthys pictus, *Gyrometra*, n.sp., [not named] 2987**Spirocamallanus krameri**, n.sp., in *Hoplerythrinus unitaeniatus*, in French Guiana 197**S. pereirai**in *Leiostomus xanthurus*, in USA (West South Central), incidence 1115in *Micropogon undulatus*, in USA (West South Central), incidence 1115**Spirocerca**, in dog, in India, local survey, & pathology 2562**S. lupi**in *Agama caucasica*, in USSR (Turkmenia), new record (h.) 6095

in dog

in Ghana, fatal haemorrhage 4476

in India, pathology of oesophagus 4146

in Uganda, case reports 4481

in Venezuela, localization in rectum 3962

in *Lemur*, zoo, fatal cases 5989

scanning electron microscopy 5170

Spirometrain *Panthera leo*, in India, new record (h.) 1702

particles in excretory ducts 4562

in zoo animals, life-history 5483

Spirometra contd.**S. erinacei**

in cat, in Australia, incidence, & life-history 5593

in dog, in Australia, incidence, & life-history 5593

morphology 4600

plerocercoids, in man, in Japan, localization in breast 4974

scanning electron microscopy 5155

ultrastructure 4600

S. mansonoides

in felids, in South America, new record (g.) 1986

plerocercoids

growth factor 6307

in rat, metabolic effects of growth factor 5764

in rat, growth factor & hepatic drug metabolism 4138

sparganum, vitamin B₁₂ uptake 5788**S. theileri**, in mouse, acquired immunity 3082**Spironoura brevispiculata**, in *Rana hexadactyla*, in India, new record (g.), & validity discussed 2336**Spiroorchis elegans**, in *Pseudemys elonae*, in USA (South Atlantic), new record (h.) 1104**Spiroxys**, in *Fundulus diaphanus*, in Canada, new record (h.) 5636**Spirura**, evolution 5180**S. aurangabadensis**, in *Nycticebus coucang*, & *Tupaia glis*, in Malaysia, redescribed 5180**S. malayensis**

n.sp.

in *Blattella germanica*, development 5180in *Tupaia glis*, *Tupaia minor*, & *Nycticebus coucang*, in Malaysia 5180**Spirurata**, in Tenebrionidae, in USSR (Tadzhikistan), local survey, & new records (h.) 1761**Spiruroidea**, key to genera 1209, 4061**Spisula solidissima**, anisakids 6131**Splendidofilaria californiensis**in *Culicoides lophortygis* n.sp., in USA (Pacific) 2356in *Culicoides multidentatus* n.sp., in USA (Pacific) 2356**Splenomegaly**, & *Schistosoma*, in man, in Zambia 2250**Spodoptera frugiperda**, *Neoaplectana carpocapsae* 3487**Squalonchocotyle berlandi**, n.sp., in *Raja radiata*, & *Raja hyperborea*, in Greenland 4076**Squatarola squatarola**, *Diplostomum pseudomergi* n.sp. 2969**Squirrel**, helminths 4506

Sri Lanka

- Acanthocephalus serendibensis* 5696
A. srilankensis n.sp. 5696
Aplectana uropeltidarum n.sp. 700
Cometeterakis lyriocephali n.g., n.sp. 5696
 helminths
 in *Elephas maximus* 1718
 in man 4334
Meteterakis sinharajensis n.sp. 5696
Oswaldocruzia gansi n.sp. 700
Polystoma hakgalense n.sp. 5696
Wuchereria bancrofti 3750
- Srivastavanema**, n.g., phylogeny, & taxonomy 189
- S. bhagwansinghi**, n.sp., in *Petaurista petaurista*, in Malaysia 189
- S. longispicularis**, n.comb., for *Longistriata longispicularis* 189
- S. vapi**, n.sp., in *Petaurista petaurista*, in Malaysia 189
- St. Lucia**, *Schistosoma mansoni* 940, 3717, 3745, 3811, 4256, 5331, 6140
- Stagnicola palustris**, *Fasciola hepatica* 4551
- Stammerinema suffodiax**, n.sp., in *Antechinus stuartii*, in Australia 4075
- Staphylepis rustica**, in *Columba livia*, in India, morphology 2985
- Staphylocystis sindensis**, n.sp., in *Suncus murinus sindensis*, in India 5151
- Stefanski, W.**
 appreciation 5938, 5944, 5947, 5950
 award 5937
 bibliography 475, 5945–5946
 obituary 475, 3327, 5948
- Stegandermatidae**, taxonomy, discussed 4076
- Stegophorus stellaepolaris**, in *Larus canus*, in Norway, morphology, & new record (h.) 5050
- Steinernema kraussei**
 in *Cephalcia abietis*, mode of infection, & development 4550
 & *Diplogaster entomophaga*, in *Cephalcia abietis*, antagonism 4550
- Stellocaronema fausti**
 in *Glareola pratincola*, in Israel, redescribed 1216
 in *Hoplopterus spinosus*, in Israel, redescribed 1216
 in *Philomachus pugnax*, in Israel, redescribed 1216
- Stenakron vetustum**, in *Hippoglossoides platessoides*, in Canada, new record (h.) 1122
- Steno bredanensis**
Anisakis typica 2320
Campula palliata 2320
Pholeter gastrophilus 2320
Synthesium tursionis 2320
- Stenurus**, key to spp. 1206
- Stenurus arcticus**, synonym of *Pharurus pallisi* 1206
- S. arctomarinus**, in *Delphinapterus leucas*, in Canada, new record (g.) 1206
- Stephanochasmus**, in *Octopus briareus*, in USA (South Atlantic), morphology, & new record (h.) 5091
- Stephanofilaria**
 in buffalo, in Egypt, chemotherapy, epizootiology, & pathology 1041
 in cattle
 in Egypt, chemotherapy, epizootiology, & pathology 1041
 in India, chemotherapy 6364
- S. assamensis**, in cattle, in Bangladesh, trichlorphon 918
- S. kaeli**, in *Musca conducens*, life-cycle 965
- Stephanolecithus taiwanensis**, n.sp., in *Rattus rattus*, in Taiwan 1797
- Stephanostomum baccatum**, in fish, pathology of muscle 3139
- S. davisii**, n.sp., in *Sebastes marinus*, in Greenland 4076
- S. pristi**, in *Trisopterus luscus*, in Portugal, morphology, & new record (h.) 3998
- Stephanurus dentatus**
 larvae, in soil, control 1546
 phosphomonoesterases 5309
 in pig
 chemotherapy & control 1546
 in China, control, & epizootiology 1690
 in USA (South Atlantic), survey 1060
 vaccination with somatic antigens 6260
 scanning electron microscopy 5169
- Sterna hirundo**, *Heterophyes superspinatus* 6179
- Stichorchis subtriquetrus**, chromosome complement 470
- Stictodora manilensis**, in dog, in Malaysia, corrigendum 5018
- S. sawakinensis**, in dog, in Malaysia 5018
- Stilesia globipunctata**
 morphology of muscle systems 5146
 structure of cuticle 5145
- Strelkovimermis limnoformis**, n.sp., in USSR (Kazakhstan) 4072
- S. repanda**, n.sp., in USSR (Kazakhstan) 4072
- Streptocara crassicauda**, in *Anas discors*, in Canada, new record (h.) 1733
- Streptococcus**, & *Brugia malayi*, in cat, production of elephantiasis 2959
- Streptopelia chinensis**, *Hymenolepis makundi* 1203
- Streptopharagus pigmentatus**
 in *Macaca cynomolgus*, redescribed 5165
 in *Macaca mulatta*, in India 2215

Strigea falconis

metacercariae

- in *Arvicola terrestris*, in USSR (Ukraine), new record (h.) 664
- in *Mustela erminea*, in USSR (Ukraine), new record (h.) 664
- in *Mustela lutreola*, in USSR (Ukraine), new record (h.) 664
- in *Nyctereutes procyonoides*, in USSR (Ukraine), new record (h.) 664

S. falconis mcgregori, synonymy 2405**S. globocephala**, synonym of *Strigea falconis mcgregori* 2405**S. hierococcygia**, n.sp., for *Ophiosoma macrocephala* 2405**S. sphaerula**, metacercariae, to *Tetracotyle sphaerula*, nom.nov. 150**S. triloborchis**, in *Accipiter francesii*, in Madagascar, morphology 4043**Strigeata**, morphology, & taxonomy 2405**Strigeidae**, in animals, brief notes 3518**Strix varia georgica**, *Tetrameres strigiphila* n.sp. 2443**Stromateus maculatus**, *Neogrubea soni*, n.sp., [not described] 5632**Strongylata**, in ruminants, in USSR (Ukraine), sex ratio 834**Strongyle larvae**

- ecological grouping & taxonomy 312
- in soil, in USSR (Ukraine), survival 1390

Strongyle larvae & ova, in faeces, in USSR (Far East), survival 313**Strongyles**

- in cattle
 - in France, chemotherapy & weight gain 905
 - in USSR (Belorussia), age & seasonal variation 4461
 - in USSR (European), incidence 1040
- in goat, in India, methyridine 2687
- in horse, mebendazole, paste 4831
- in pig
 - tetramisole 3272
 - thiabendazole 3272
 - in USSR (Lithuania), control, & incidence, reviewed 1440
- in sheep
 - in Bulgaria, pyrantel tartrate 3800
 - in USSR (Far East), seasonal variation 313

Strongyles, gastro-intestinal

- in pig, in USSR (Far East), larval emergence from faeces 316
- in sheep
 - in Yugoslavia
 - pasture contamination 332
 - thiabendazole, milk production & weight gain 3218

Strongylid ova, sodium phenolate 5889**Strongylidae**, revised, & key to spp. 5697**Strongylids**

- in animals, & man, zoonoses 4404

Strongylids contd.in *Capreolus capreolus*, cattle, & sheep, cross infection 4454

in cattle

- control, & epizootiology 3254
- in Denmark, control, & epizootiology 2643

general account 4990

in Philippines, climate & incidence 5818

in *Cervus elaphus maral*, in USSR (Siberia), thiabendazole 5428

in horse

- cambendazole 2699, 6373
- in Canada, pyrantel pamoate 3286
- chemotherapy 2655
- control, discussed 3723
- in Italy, survey 2864
- levamisole, intramuscular injection 2043

mebendazole 2064

in Mexico, pyrantel tartrate 4298

oxibendazole 2690, 5421

pathophysiology 4141

reviewed 30

in USSR, tetramisole hydrochloride 4860

in West Germany, mebendazole 2111

in man, pathology 3632

in marine fish 6201

in sheep

in Iceland, age & seasonal variation 2014

in Senegal, morantel tartrate 5450

thiabendazole & arrested larvae 3236

in USSR (European)

chemotherapy 5898

incidence 5813

local survey, & control 5580

tetramisole hydrochloride & weight gain 6422

somatic muscle cells 3541

Strongyloides

& amoebiasis, in man, case report 3512

in *Colobus geraza*, in Kenya, thiabendazole 1613

in goat, in India, methyridine 2687

in gorilla, in Poland, zoo, fatal case 4948

& hookworm, in man 3359

larvae

faecal culture 1555

technique for detecting, in faeces 5461

& lymphoid leucosis, in man, case report 3512

in man

corticosteroids 3906

host enzyme activity 5962

pathology of stomach 1297

pathophysiology & immunosuppressive therapy 5765

in USSR, dithiazanine 3253

***Strongyloides* contd.**

in man contd.

in USSR (Azerbaïdzhan), pathology, &

symptoms 3135

in USSR (Georgia), distribution &

incidence 3184

in USSR (Ukraine)

control 558

epidemiology 856, 1422

local survey 340

ova

crowding & development 822

in soil, in USSR (European), metam-

sodium 5908

in pig, prophylaxis 4254

& pneumonia, in sheep, pathology 265

in sheep

immunity 5963

in Senegal, morantel tartrate 5450

in USSR, age & seasonal variation

2877

***S. fülleborni*, culture of free-living stages**

1949

S. papillosus

antigen analysis 1877

in cattle, in USSR (European), age &

seasonal variation 1666

& *Clostridium perfringens*

in guinea-pig

susceptibility 2962

transmission of bacteria 4565

control, & ecology, discussed 1388

in goat, white cell count 3593

larvae, tactic responses 5970

larvae & ova, survival & physical factors

5970

in rabbit

blood picture & host age & sex 5970

immunity, & pathogenicity 1338

immunization 1263

pathogenicity 3150

serum proteins 1317

superinfection & tolerance 1273

in rat, blood picture & cortisone 5970

in rodents, migration 5970

in sheep

blood picture 5970

immunity, & pathogenicity 1338

pathogenicity 3150

pathology 247

pathology of lung 1296

& *Sphaerophorus necrophorus*

in rabbit

susceptibility 2962

transmission of bacteria 4565

in sheep

susceptibility 2962

transmission of bacteria 4565

transmission of foot rot 1791

S. ransomi

& bacteria, in pig, interaction 4034

***Strongyloides ransomi* contd.**

in pig

Arthus phenomenon & superinfection

1249

cambendazole 5844

diphenhydramine hydrochloride &

allergic reaction 1282

in Germany, survey 5010

host amino acid absorption 5258

host breed & susceptibility 2881

host intestinal enzyme activity 5259

localization in muscle 3427

pathophysiology of intestinal mucosa

6272

pipol'phen & allergic reaction 1247

plasma & blood loss 3125

prenatal & transmammmary infection

5354

thiabendazole & allergic reaction 1246

transmammmary infection 2151

S. ratti

in mouse, immunopathology 1286

in rat

host corticosteroid depletion 244

reserpine preventing self-cure 245

transmission via milk 5819

Trichinella spiralis conferring resistance

6235

S. stercoralis

& asthma

in man 4709

case report 1657

& immunosuppressive disease, in man,

fatal cases 1331

larvae

in faeces, technique for detecting,

compared 2741

plant extracts 2060

transmission in swimming pools 2644

& leprosy, in man, in Zaire, fatal case

1792

in man

in Brazil

histopathology of lymph nodes 4727

malabsorption 762

cambendazole 5865

in Canada

exotic infection 3874

fatal case 4937

in Costa Rica

mass chemotherapy 2080

thiabendazole 4249

diagnosis 2741

& treatment 1629

fatal infections in protein-calorie

malnourished children 743

in France

diagnosis, discussed 3881

epidemiology 2644

intestinal obstruction 6004

in Italy, clinical aspects 518

pathogenicity 1898

***Strongyloides stercoralis* contd.**

in man contd.

in Poland, case report 2845

pulmonary manifestations 5256

reviewed 4405

in Rumania

duration & intensity of infection & symptoms 6269

epidemiology, & incidence 5964

in Switzerland 1006

transmission in swimming pools, discussed 4227

in USA

exotic infection & fatal case 550

pathology, & treatment 2229

in USA (North Atlantic), autoinfection 7

in Viet Nam, diarrhoea 5535

X-ray changes 2566

in Yugoslavia, serum IgE levels 4629

in Zaire, fatal case 2251

in pig, experimental 1691

***S. turkmenica*, in *Larus canus*, in Norway,**

morphology, & new record (h.) 5050

S. westeri

in horse

in Germany, incidence in foals 4451

in Netherlands, transmission 2150

transmission via milk 4895

Strongylura marina*Rhipidocotyle lintoni* 4343, 5680*R. transversale* 4343, 5680***Strongylus***

in horse

development, & physiology, (thesis) 2194

in Mexico, localization in eye 3407

oxibendazole 5421

serum enzymes & lactic acid content 3622

thiabendazole 6390

trichlorphon 4264

larvae & ova, in USSR (Kazakhstan), overwintering 4209

in rabbit, immunopathology 6259

S. edentatus*, in horse, laboratory model not established 5520**S. equinus***

morphology of buccal capsule 3538

scanning electron microscopy 5167

S. vulgaris

in horse

age & acquired immunity 4089

arterial repair 1329

in Britain

epizootiology 3205

mucosal ulceration & diarrhoeic syndrome 765

in Canada, case report 2283

control, & pathogenicity 2075

general account 6030

laboratory model not established 5520

***Strongylus vulgaris* contd.**

in horse contd.

mesenteric thrombosis 4161

pathophysiology 4141

in Sweden, pyrantel 6429

scanning electron microscopy 5169

Stunkardia dilymphosa*, miracidia, development, & morphology 5131*Sturgeon***Anisakis schupakowi* 4528*Contracaecum squali* 4528*Eustrongylides excisus* 4528***Sturnopastor contra****Ganeo tigrinum* 2389*Oxyspirura kaitingensis* 72***Sturnus vulgaris*, helminths 1086, 3448, 3983, 5973*****Stylodrilus*, *Aploparaksis brachyphallos* 6181*****Styphlodora*, in *Boa constrictor*, pathology 4167*****Subulura*, in *Loris tardigradus*, in India, morphology 5166*****S. baylisi*, in *Garrulus glandarius*, in Spain 2388*****S. brumpti***

in fowl

chemotherapy 344

experimental infection 456

S. distans*, in *Loris tardigradus*, in India, morphology, & new record (h.) 5166**S. hindi*, in *Sciurus palmarum*, in India, morphology 5166****Subuluridae, & Seuratoidea, phylogenetic relationships, discussed 975*****Succinea pfeifferi*, *Leucochloridium* 1564*****S. putris*, *Muellerius* 1776****Sudan***Fasciola gigantica* 2547*Onchocerca volvulus* 3358*Schistosoma* 4152, 4323, 5546*S. bovis* 6025*S. mansoni* 6013, 6264, 6268*Wuchereria bancrofti* 556***Sudanonautes*, *Paragonimus uterobilateralis* 2207, 3699*****Suncinema vaucheri*, n.sp., in *Crocidura flavescens spurelli*, in Ivory Coast 186*****S. witenbergi*, n.sp., in *Crocidura russula*, in Israel 5186*****Suncus murinus*, *Capillaria* 5609*****S. murinus sindensis*, *Staphylocystis sindensis* n.sp. 5151*****Sundathelphusa philippina*, *Paragonimus* 5080****Surinam, *Wuchereria bancrofti* 2843*****Sus scrofa***

diethylcarbamazine tartrate plus pyrantel tartrate 5456

Fascioloides magna 6053

helminths, & protozoans 1175

mebendazole 5456

Sus contd.*S. scrofa domesticus*, helminths 43

Sweden

ascarids 4781

Cooperia oncophora 315

helminths

in cat 1443

in dog 1443

in pig 3426

in *Rangifer tarandus* 4458*Metastrongylus* 4168

nematodes, in horse 3920

Onchocerca 4733*Ostertagia ostertagi* 315*Setaria* 4733*Strongylus vulgaris* 6429*Toxocara* 4781*Trichinella spiralis* 3073

Switzerland

Dicrocoelium dendriticum 577, 6350*Dictyocaulus viviparus* 3198*Fasciola hepatica* 577, 1520

helminths

in carnivores 2885

in man 4260

in wild animals 2950

Molinostrongylus aelleni n.sp. 701*M. alatus* 701*M. skrjabini* 701

parasites, in zoo ruminants 3928

Strongyloides stercoralis 1006*Trichinella spiralis* 6487

trichostrongylids 3198

Sychnotylenchus mutici, n.sp., in *Scolytus**muticus*, in USA 2187*Sylvicapra grimmii*, *Schistosoma bovis* 6045*Sylvilagus floridanus*, *Ascaris columnaris*

2316

S. floridanus alacer, *Dirofilaria scapiceps*

4503

Symptomatology

Angiostrongylus cantonensis 5282*Anisakis* 2232*Ascaris* 3399*Dirofilaria immitis* 4477, 5023

helminths

in man 5550

in rabbit 5036

hydatid 566

Hymenolepis 3612*H. nana* 1900

nematode allergens, in man 1229

nematodes, in man 3403

Nematodirus 5276*Opisthorchis* 3232*Ostertagia* 5276*Schistosoma mansoni*, & *Salmonella*

6150

Strongyloides 3135*Taenia saginata* 3909*T. taeniaeformis* 5020*Trichostrongylus* 5276*Syncoelium filiferum*, redescribed, &

synonymy 5671

S. katuwo, synonym of *Syncoelium filiferum*

5671

Syngamus

in fowl, in Poland, survey 5966

in partridge, in Poland, survey 5966

in pheasant

in Poland 2325

survey 5966

in USSR (Ukraine), aluminium iodide

371

S. skrjabinomorpha, ultrastructure of

digestive system 3539

*S. trachea*in *Ciconia ciconia*, in Austria,

chemotherapy, & epizootiology 6370

in *Corvus frugilegus*, in Britain 1729

in fowl

development, & sex ratio 1566

popular account 1720

in *Lagopus lagopus*, in Norway, local

survey 624

in pheasant

in Czechoslovakia, mebendazole 5418

pathology 1351

in USSR (European), chemotherapy

2677

in turkeys, mebendazole, site of drug

action 875

Synhimantus australiensis, in *Antechinus**stuartii*, in Australia, new record (h.), &

redescribed 4075

*Synodus foetens**Contracaecum* 4598*Distomum fenestratum* 4598*Goezia minuta* 4598

helminths 4598

Opecoeloides 4598*S. variegatus*, *Coitocaecum manteri* n.sp.

4583

Synthesium tursionis, in *Steno bredanensis*,

in USA (South Atlantic), new record (h.)

2320

*Syphacia*in *Corvus splendens*

in India 4073

spurious infection 4073

in *Millardia meltada*, in India 5351

n.sp., [not named or described], in

Apodemus agrarius, in Poland 5686*S. brachyuromyos*, n.sp., in *Brachyuromys**betsileoensis*, in Madagascar 200*S. frederici*, in *Apodemus flavicollis*, in

Austria, new record (g.) 1777

S. kirgisensis, n.sp., in *Rattus turcastanicus*,

in USSR (Kirgizia) 1211

S. madagascariensis, n.sp., in *Brachyuromys**betsileoensis*, & *Brachyuromys**ramirohitra*, in Madagascar 200*S. microtus*, n.sp., in *Microtus arvalis*, in

USSR (Kirgizia) 1211

Syphacia contd.***S. muris***

in insectivores, new record (h.) 3540
ova

hatching 4746

hatching & water permeability 4747

in rat, fenbendazole 5447

scanning electron microscopy 3002

S. obubra, to *Acanthoxyurus obubra*,
n.comb. 1839

S. obvelata

in mouse

alkyl & aryl 1-methyleneallyl

phosphates, phosphonates &

phosphinates 3772

antibiotic G-418 407

aspiculamycin 3245

bitoscanate 6406

piperazine 365

piperazine biguanide derivatives 3796

in Poland, laboratory infection 1708

thiabendazole 2731

thiabendazole in feed 6426

in rat, alleviating adjuvant arthritis 1265

in *Rattus leucopus*, in New Guinea, new
record (g. & h.) 1819

scanning electron microscopy 3002

***S. petrusewiczii* n.sp.**, in *Clethrionomys*
glareolus, in Poland 5686

S. petrusewiczii

in *Clethrionomys glareolus*, in USSR

(Ukraine), morphology of male 711

in *Microtus agrestis*, in Norway, new
record (h.) 5613

in *Microtus subterraneus*, in USSR
(Ukraine), morphology of male 711

S. ramirohitra, n.sp., in *Brachyuromys*

ramirohitra, in Madagascar 200

S. stroma, in *Apodemus flavicollis*, in
Austria, new record (g.) 1777

S. (Syphatineria) funambuli, in *Funambulus*
pennanti, in Nepal, redescribed 1840

Syphaciidae, in rodents, in USSR (Kirgizia),
revised 1211

Syphaciurus rodenti, n.sp., in *Apodemus*

sylvaticus, & *Mus musculus*, in USSR
(Kirgizia) 1211

Syphasciuris, synonym of *Acanthoxyurus*
1839

Systematics

Bucephalidae 5136

Hirudinella ventricosa 5671

nematodes 1208

Nephrotrema truncatum 6163

Pseudocephalotrema pyrenaica 6164

Skrjabinophyetus neomydis 6163

S. soricis 6163

Uncinariinae 5162

Tadarida brasiliensis

Acanthatrium nycteridis 3971

Allasogonoporus marginalis 3971

Conspicuum icteridorum 3971

Taenia

in cat, antibiotic G-418 407

in dog

antibiotic G-418 407

plant extracts 4838

trichorophen 3778

in man

in Africa, general account 5525

epidemiology, discussed 1996

in Europe, general account 5525

in Poland, epidemiology 5964

in USSR (Georgia), incidence, &
control, reviewed 6430

ova

in sewage, survival 849

in swimming pools, in Poland 5964

& parasites, in man, in Poland,
chemotherapy 2659

T. cingulifera, Krabbe, 1869, to
Kowalewskiella cingulifera, n.comb.
6184

T. crassiceps

cysticerci, in mouse, mebendazole 1442

in vitro, growth & morphogenesis 4744

larvae, tegument-associated carbohydrates
1972

metacestodes

in mouse

benzimidazole compounds 3229

growth & susceptibility 3554

precipitating antibodies 2466

in rat, susceptibility 5190

T. hydatigena

in *Capra caucasica cylindricornis*, in
USSR (Azerbaijdzhan), new record (h.)
6032

in *Cervus elaphus maral*, in USSR
(Azerbaijdzhan), new record (h.) 6031

in dog

in Bulgaria

control, & incidence 4029

incidence 5101

bumamidine hydroxynaphthoate 1462

chemotherapy 1002

fospirate 2054

hexachlorophene 2045

immunity, & pathogenicity 1348

iron levels 1344

manganese & copper in host tissues
1346

mebendazole 2053

in New Zealand, history of control
1461

nitroscanate 2678

site distribution & egg production
2622

trace elements in testes 1345

in USSR, bumamidine oxynaphthoate
6441

histochemistry of integument 814-815

in mammals, in USSR (European),
incidence, & pathology 2952

***Taenia hydatigena* contd.**

- peroxidase uptake 2612
- protein component of integument 3657
- structural polysaccharides in integument of gravid proglottides 5780
- & *Taenia solium*, in pig, differentiation by serological tests 3566
- ultrastructure 2980

T. ovis

- in dog
 - in New Zealand, history of control 1461
 - site distribution & egg production 2622
- in sheep, vaccination 5729

T. pisiformis

- antigen, in rabbit, immunology 1257
- antigen purification 5728
- in carnivores, establishment & development 3430
- cysticerci, in rabbit, immunology 1256
- development of rostellar hooks 4051
- in dog
 - in rabbit, X-irradiation & development 2580
 - site distribution & egg production 2622
- ova, temperature & relative humidity affecting survival in laboratory & field 3667
- in rabbit
 - immunity 5728
 - immunization with non-living antigens 4097
 - immunology & pathology in secondary infections 5732

T. saginata

- in America, general account 5524
- antigens, specificity 3018
- carotenoids 3648
- in cattle
 - antigen fractions & serodiagnosis 2515
 - passive transfer of immunity 5714
 - serology 2480
 - vaccination 2526
- & *Cysticercus bovis*, common antigens 2503
- in hamster, experimental 5044
- in man
 - allergy 5244
 - in Bulgaria
 - control, & incidence 3888
 - incidence 3889
 - chemotherapy 3217
 - & clinical course 2078
 - diagnosis, & symptomatology, discussed 3909
 - control, & epidemiology 2097
 - in Czechoslovakia, incidence 3912
 - diagnosis by IT 4090
 - dissemination & proglottid egg count 3692

***Taenia saginata* contd.**

- in man contd.
 - in East Germany
 - incidence 3886
 - local survey 3395
 - environmental contamination, & transmission to cattle 4237
 - epidemiology 5968
 - gastric secretion 1925
 - magnesium sulphate 2658
 - mepacrine hydrochloride 2036
 - niclosamide, mode of action 5383
 - in Poland
 - control assessment 5911
 - diagnosis by immunological, haematological & faecal tests, compared 3608
 - immunoglobulin levels 2512
 - incidence 3363
 - & transmission in rural areas 1991
 - reviewed 5521
 - in Rumania, eosinophilia 5558
 - serum iron levels 1916
 - technique for diagnosing, compared 951
- in USSR
 - control 1513
 - general account 3356
 - incidence, & control 6414
- in USSR (Azerbaijan), chemotherapy 3267
- in USSR (European) 6325
 - incidence, & control 5858
 - local variations 5335
 - niclosamide plus trichlorophen 4286
- in USSR (Georgia), niclosamide 1549
- in USSR (Tadzhikistan)
 - chemotherapy 5404, 5856
 - transmission by imported meat 5348
- in USSR (Ukraine) 667
 - control 2098
 - local survey 2825
- nutrition mechanisms, discussed 3530
- oncospheres
 - in *Culex pipiens molestus*, ingestion 1426
 - in soil, in USSR (Azerbaijan) 3189
 - in Tubificidae, ingestion 1426
- ova
 - in sewage
 - in East Germany 3688
 - incidence related to incidence in man 5541
 - survival in silage 5321
- in rabbit, serodiagnosis 3584
- (Sudanese strain), in cattle, experimental infection 4468

T. solium

- in America, general account 5524
- cysticerci, γ -radiation & development 5905

Taenia solium contd.

- in hamster
 - experimental 5044
 - prednisolone & susceptibility 3579
- in man
 - extraintestinal development 4442
 - mepacrine hydrochloride 2036
 - reviewed 5521
 - in Rumania, eosinophilia 5558
 - in Taiwan 517
 - in USSR (Ukraine) 667
- & *Taenia hydatigena*, in pig,
 - differentiation by serological tests 3566
- T. sulae fuscae**, nom.nud. 2426
- T. taeniaeformis**
 - calcium incorporation 3180
 - in cat, development, & symptoms 5020
 - cysticerci
 - in mouse, mebendazole, mode of action 2661
 - in rat, liver enzyme activities 794
 - in mouse
 - inherited host resistance 6228
 - passive immunity 2498, 5714
 - in rat
 - cell mediated immunity 5215, 5216
 - immunoglobulins 4664
 - immunoglobulins & passive immunity 4663
 - implanted *Taenia taeniaeformis* & *Taenia crassiceps* conferring immunity 5223
 - in Kenya 5034
 - in *Sciurus carolinensis carolinensis*, in USA (East South Central) 5038
 - ultrastructure of cyst tegument, & host response 6182

Taeniidea, n.ordo 2200**Taeniids**

- in animals, & man, transmission 3357
- in *Ursus americanus*, in USA (West North Central) 613

Taeniinae

- in cat, in Japan 1072
- in dog, in Japan 1072

Tagia, synonym of *Heterobothrium* 6159**Tahiti**, *Wuchereria bancrofti* 6006**Taiwan**

- Acanthatrium taiwanense* n.sp. 2406
- Angiostrongylus cantonensis* 5195, 5282, 6118
- Brachylecithum taiwanense* n.sp. 1797
- Clonorchis sinensis* 590, 592
- Cysticercus tenuicollis* 590
- digeneans, in birds 4575
- Dolichosaccus schmidtii* n.sp. 2406
- Echinoparyphium anatis* n.sp. 4575
- E. taipeiense* n.sp. 4575
- Enterobius vermicularis* 3880

Taiwan contd.

- Euparyphium hirundonis* n.sp. 4575
- E. taiwanense* n.sp. 4575
- Fasciola hepatica* 934
- Glaphyrostomum taiwanense* n.sp. 4575
- Gnathostoma doloresi* 6052
- helminths
 - in amphibians 2406
 - in mammals 1797
 - in man 3405, 5991
 - in reptiles 2406
- Lophotaspis orientalis* 1795
- Lyperosomum taipeiense* n.sp. 1797
- Mesostephanoides taiwanensis* n.sp. 2406
- Moniezia plannissima* 934
- nematodes, in cattle 934
- Odeningotrema ratti* n.sp. 1797
- Oesophagostomum selfi* n.sp. 3011
- Ogmocotyle ratti* n.sp. 1797
- Paradenogaster selfi* n.g., n.sp. 2406
- Paradistomoides laruei* n.sp. 2406
- parasites, in man 2814
- Pelodera strongyloides* 6075
- Plagiorchis taiwanensis* n.sp. 2406
- Platynotrema lophurae* n.sp. 4575
- Prionosomoides taiwanensis* n.sp. 2406
- Reesimermis nielsenii* 1135
- Schistosoma japonicum* 2648, 6120
- Schizamphistomum taiwanense* n.sp. 2406
- spargana 2818
- Stephanolecithus taiwanensis* n.sp. 1797
- Taenia solium* 517
- Tanaisia ectorchis* n.sp. 4575
- Uroproctepisthium taiwanense* n.g., n.sp. 4575
- Wuchereria bancrofti* 2674, 6330
- Takydromus septentrionalis**
 - Paradistomoides laruei* n.sp. 2406
 - Plagiorchis taiwanensis* n.sp. 2406
- T. tachydromoides**, helminths 78
- Talpa europaea**
 - helminths 5040
 - Plagiorchis (Multiglandularis) macrobursatum* 5040
 - Soboliphyme hirundiniformis* 5040
- Tanaisia ectorchis*, n.sp., in *Bambusicola thoracica sonorivox*, in Taiwan 4575
- T. (Paratanaisia) ectorchis**, n.sp., in *Bambusicola thoracica sonorivox*, in Taiwan 4575
- Tanaorhamphus ambiguus**, to *Paratenuisentis ambiguus*, n.g., n.comb. 1205
- Tanqua anomala**, in *Cerberus rhyncopus*, in Pakistan, new records (g. & h.) 5065
- Tanytarsus exiguus**
 - Hydromermis angusticauda* n.sp. 487
 - Spiculimermis chironomi* n.sp. 487
 - S. uniseriata* n.sp. 488
- Tanzania**
 - Cysticercus bovis* 3935
 - Dictyocaulus viviparus* 1679

Tanzania contd.

- Gyrometra*, n.sp., [not named] 2987
 helminths, in man 3381
 hydatid 1679
Isomermis tansaniensis n.sp. 486
Mesomermis ethiopica n.sp. 488
 microfilariae, in birds 5620
Probstmayria gombensis n.sp. 6196
Pseudofilaria giraffae n.sp. 3542
Schistosoma 1240, 3149
S. haematobium 3122, 4423, 4814, 4832
S. mansoni 4423, 4815
Setaria labiopatipilosa 3542

Taphrorychus bicolor*, *Cryptaphelenchus bicoloris* n.sp. 2439**Tatera robusta*, *Ackertia globulosa* n.sp. 1836*****Tatria*, cysticeroid, in *Agrion pulchellum*, in USSR (European), morphology 167*****T. bremis*, anomalous specimen 1816*****T. decacantha*, cysticeroids, in *Aeschna cyanea* 122*****T. jubilaea*, n.sp., in *Podiceps auritus*, & *Podiceps ruficollis*, in USSR (European) 166****Taxonomy**

- acanthocephalans 1823
Acanthocheilus 520
 Acuarioida 1209, 4061
Alaria alata 1803
Anisakis 520
 Anoplocephalidae 6185
Aploparaksis scolopacis 2982
Armadoskrjabinia 2986
 Ascaridoidea 4064
Ascaris lumbricoides 5778
A. suum 5778
Atriatster 2966
Azygia lucii 4049
Bivagina 682
 brachylaimoid cercariae 143
 Bucephalidae 5680
 Calceostomatidae 3515
 Camallanoidea 4060
Capillaria perforans 1213
Cercaria splendens 689
 Cyathostominae 5697
 Didymozoida 3526
 digeneans 5477
Dilepis brachyarthra 2428
Diorchis acuminata 2984
D. diorchis 2427
D. ransomi 2984
Diphyllbothrium dendriticum 1201, 2172
D. ditremum 1200-1201, 2172
D. latum 1201, 2172
D. vogeli 1200-1201, 2172
Dotylaphus 2192
 Dracunculoidea 4060
Echinococcus 1817
Echinorhynchotaenia 2986

Taxonomy contd.

- Echinorhynchotaeniinae* 2986
 echinostomatid cercariae 3521
Ektaphelenchus 2192
Eurytrema 6170
Eustoma 520
Fasciola hepatica 5135
 Gnathostomatoidea 4060
Gogatea 2971
Grillotia erinaceus 6108
 Habronematoidea 1209, 4061
Haemonchus 6044
 helminths 2452, 5969
 in vertebrates 5507
 Hirudinea 3322
 hookworm 710
Hymenolepis diorchis 2427
Johnstonmawsonia 705
Laimaphelenchus 2192
 mermithids 486, 490
Mesostephanus 2404
Moniezia 5153
Nectonema 3544
 nematodes 4058
 in bark beetles 2179
 in birds 196
Nematodirus 704
Neoaplectana 205
Neogogatea 2971
Neomicrocotyle 5663
Neophasis 4076
Nephrotrema truncatum 6163
Notocotylus 5477
Ommatobrephus 1192
 Oswaldofilariinae 176
 Paralepoderma 5125
Parasitorhabditis 5183
 Physalopteroidea 4060
Plagiorchis elegans 3524
P. fastuosus 3524
P. momplei 3524
Plectonchus 2192
Prodontorhabditis 5183
Prosthogonimus 2973
Prosungulonema 705
Protorhabditis 5183
 Protostrongylidae 2169
Pseudocephalotrema pyrenaica 6164
Psilocollaris 2417
Rallitaenia 2435
 Rencolidae 3520
Rhabditis 5183
Rhipidocotyle 1187
 Rictularioidea 4060
Schistosoma haematobium 5353
S. intercalatum 5353
S. mansoni 6178
S. rodhaini 6178
 Schistosomatidae 5501
Skrjabinophyetus neomydis 6163
S. soricis 6163
 Spiruroidea 1209, 4061

Taxonomy contd.

- Srivastavanema* n.g. 189
- Steganodermatidae 4076
- Strigeata 2405
- Strongylidae 5697
- Syphacidae 1211
- Telorchis bonnerensis* 5320
- T. corti* 5320
- Thelazioidea 4060
- Thynnascaris* 520
- Trichinella* 3029, 5174
- T. nativa* 2990
- T. pseudospiralis* 2990
- T. spiralis* 2990
- Trichuris suis* 3534
- T. trichiura* 3534

Technique for administering

- anthelmintics, to fish 1490
- thiacetarsamide, to dog 4804

Technique for analysing, *Trichinella spiralis*, antigens 4091**Technique for applying, molluscicides 861****Technique for assessing**

- helminth infection, in domestic animals 2142
- nematode larvae, in crustaceans 6448
- soil contamination
 - with *Ascaridia*, ova 4329
 - with *Heterakis*, ova 4329
- viability
 - of *Ascaridia*, ova 3822
 - of *Trichinella spiralis*, by fluorescent microscopy 3302

Technique for collecting

- faecal samples, from sheep 5469
- Fasciola gigantica*, adoleoscariæ, from *Lymnaea ovata* 5920
- helminth ova, from household objects, compared 5466
- Oncomelania quadrasi* 2751

Technique for concentrating, *Fasciola*, ova, in faeces, compared 949**Technique for counting**

- chromosomes
 - in *Ascaridia galli* 2773
 - in *Dicrocoelium dendriticum* 2774
- helminth ova
 - in faeces 1558-1559, 3301
 - & urine 1557
- hookworm, ova, in faeces 1553
- Nippostrongylus brasiliensis*, in rat 2137
- Onchocerca volvulus*, microfilariae, in man 1563
- Schistosoma*
 - ova 5468
 - in faeces, & urine 1557
- S. haematobium*, ova, in urine 2129
- S. nasalis*, ova, in mucus 6451

Technique for culturing

- Angiostrongylus vasorum*, in *Achatina fulica* 1772
- Biomphalaria* 455

Technique for culturing contd.

- Bulinus* 121, 448, 454
- Caenorhabditis briggsae* 451
- C. elegans*, in age synchrony 1970
- Cotylurus lutzi*, in vitro 2752
- Delafondia*, larvae 4333
- Hymenolepis nana* 4763
- Khawia sinensis*, larvae, in vitro 5471
- Lithoglyphopsis aperta* 2370
- Lymnaea occulta* 5971
- L. truncatula* 5971
- mermithids 955
- nematode larvae 1555
- nematodes, in insects 3861
- Neoaplectana* 1144
- N. carpocapsae* 3487
- Oesophagostomum dentatum*, in vitro 1576

- Oncomelania hupensis* 1554, 4879

- Schistosoma haematobium* 4202

- S. japonicum* 4879

- S. mansoni* 5241

- Toxocara canis*, larvae 1874

- Turbatrix aceti* 2130

Technique for decontaminating

- manure, from helminth ova 5903
- Trichinella*-infected meat, by electric discharge in liquid 4328
- T. spiralis*, decapsulated larvae 3828

Technique for demonstrating, proteolytic activity, in *Leucochloridiomorpha constantiae* 6447**Technique for describing, *Neoaplectana* 205****Technique for detecting**

- anthelmintics, in milk 6424
- antigens, by IEOP 6257
- Ascaris*, ova, in faeces 2132
- Brugia malayi*, microfilariae, in blood 4881

- Cysticercus bovis*, in cattle, at post-mortem 5472

- defective neutrophil function 4873

- Dicrocoelium dendriticum*, in ruminants 952

- Dipetalonema reconditum*, microfilariae, in dog 6443

- Dirofilaria immitis*, microfilariae, in dog 6443

Fasciola

- cercariae, in rice fields 4337

- ova, in cattle faeces 1556

- F. hepatica*, in ruminants 952

helminth ova

- by flotation, solutions compared 5915
- in faeces 960, 2748, 3304, 4874

- of dog, compared 2139

- standardization 2128

- helminths, in faeces 2134

- liver-fluke, ova, in cattle faeces 1556

microfilariae

- in blood 3823, 4883

Technique for detecting *contd.*

- microfilariae *contd.*
 - in blood *contd.*
 - by filtration 3819
- Moniezia*, ova, in faeces, by flotation & sedimentation, compared 5917
- Necator*, larvae, in faeces 5461
- Onchocerca volvulus*, microfilariae, in skin snips, by Millipore membrane concentration 3825
- parasites, in faeces 5460
- protostrongylid larvae, in faeces, compared 452
- Schistosoma*, ova, in faeces, by filtration 3819
- S. haematobium*, ova, in urine 1560
- S. mansoni* ova
 - in faeces 4884
 - compared 1552
 - in man 4885
- sensillae, on *Liorchis scotiae* cercariae 5465
- soluble parasitic antigens 4647
- Strongyloides*, larvae, in faeces 5461
- S. stercoralis*, larvae, in faeces, compared 2741
- Trichinella*
 - in muscle 4335
 - in pig 2750
 - in pig meat 3307, 5922
 - by rapid automatic on-line scanning 3827
- Trichinella* cysts, by xeroradiography 4336
- T. spiralis*
 - larvae, in muscle by digital image transmutator 3306
 - in pig 447
- trichlorphon, in animal tissue 5429
- Trichuris*, ova, in faeces 2132
- Wuchereria bancrofti* microfilariae
 - in blood 4881
 - in man, by blood filtration 5463
 - by membrane filtration concentration 5921

Technique for determining

- infectivity, of *Fasciola hepatica*, metacercariae, in mouse 2138
- microfilarial density of *Onchocerca volvulus*, in man 3824
- viability, of paramphistomatid larvae 450
- water pollution, using *Dictyocaulus filaria* 2621

Technique for diagnosing

- Anisakis*, in man 562
- Ascaris*, in man, compared 3876
- Cysticercus bovis*, in cattle 3595
- Dipetalonema reconditum*, & *Dirofilaria immitis*, compared 5598

Technique for diagnosing *contd.*

- Dirofilaria immitis* & *Dipetalonema reconditum*, compared 5598
 - in dog, assessed 5027
 - Enterobius*, in man, compared 5969
 - Fasciola hepatica*, in cattle, evaluated 5970
 - filiariids, in man 4330
 - helminths
 - in animals, (laboratory manual) 5975
 - in domestic animals 4915
 - by faecal examination 5919
 - in man 3917
 - compared 4878, 4880, 5969
 - in pig 449
 - hydatid
 - in man, by immunoelectrophoresis 226
 - in sheep 4671
 - by immunofluorescence, conference proceedings 1602
 - metastrongyles, in pig 6450
 - microfilariae, in skin snips, field test 3826
 - Onchocerca volvulus*, in man 4331
 - Schistosoma*, in man 3305
 - S. haematobium*, in man 4441
 - S. japonicum*, in man, compared 4941
 - S. mansoni*
 - in man 4884
 - by immunoelectroosmophoresis 1274
 - Taenia saginata*, in man, compared 951
 - Trichinella*, in pig 3595
 - T. spiralis*
 - in man, compared 2743
 - by modified IFAT 3569
 - Trichuris*, in man, compared 3876
- Technique for differentiating**
- Brugia malayi*, & *Brugia pahangi*, microfilariae, histochemically 2747
 - B. pahangi*, & *Brugia malayi*, microfilariae, histochemically 2747
 - Cotylophoron cotylophorum* & *Fasciola hepatica*
 - in cattle 954
 - in snails 954
 - Dipetalonema reconditum*, & *Dirofilaria immitis*, microfilariae 6443
 - D. streptocerca*, & *Onchocerca volvulus*, in man 4331
 - Dirofilaria immitis*, & *Dipetalonema reconditum*, microfilariae 6443
 - Fasciola hepatica* & *Cotylophoron cotylophorum*
 - in cattle 954
 - in snails 954
 - & *Paramphistomum microbothrium*, metacercariae, *in vitro* 2141
 - Onchocerca volvulus*, & *Dipetalonema streptocerca*, in man 4331

Technique for estimating

Brugia pahangi, microfilariae, in cat 5470

microfilarial density, of *Onchocerca volvulus*, in man 2131

Technique for evaluating

anthelmintics 925

filariacides, compared 2669

Technique for extracting, *Cooperia curticei*,

larvae, from herbage & soil 2739

Technique for identifying, *Deladenus* 2989**Technique for infecting**

cattle, with *Schistosoma mattheei* 953

sheep, with *Schistosoma mattheei* 953

Technique for isolating, homogeneous

groups, of *Panagrellus silusiae*, by density gradient centrifugation 4875

Technique for labelling

diphenyl sulphoxide 1542

Fasciola hepatica, miracidia, in mouse 5467

Technique for maintaining

Bulinus truncatus rohlfsi, in laboratory 6452

Paragonimus, cercariae 109

Simulium, in laboratory 956

Technique for measuring, bile flow, in rat,

infected with *Fasciola hepatica* 957

Technique for mounting

helminth ova 4877

nematodes 4071

Technique for preparing

Anisakis marina, for scanning electron microscopy 2140

antilymphocyte sera, against *Trichuris suis* 1220

Caenorhabditis, for scanning electron microscopy 4876

C. elegans, for scanning electron microscopy 2140

cestodes, for staining 1561

helminth antigens 3104

helminth extracts 4887

nematodes

for electron microscopy 4882

for scanning electron microscopy, compared 2742

Nippostrongylus, for scanning electron microscopy 4876

Panagrellus, for scanning electron microscopy 2140

precipitating antibodies 3078

Schistosoma mansoni, for microscopy 6442

Toxocara canis, larval antigen 1219

trematodes, for staining 1561

Technique for producing, *Toxocara*, ES

antigen 1874

Technique for rearing

helminth-free sheep 1562

simuliids 453

Technique for recovering

amphistome ova 2746

Dictyocaulus, larvae, from pasture 2745

D. viviparus, larvae, from faeces 961

Dipetalonema perstans, from blood, by cytocentrifuge 4332

Fasciola, ova 2746, 3303

helminth ova 2133

from faeces 428

microfilariae, from dog 2135

Technique for removing, cuticle, *Ascaris*

suum 5973

Technique for screening

anthelmintics 362, 365, 2586

against *Schistosoma japonicum* 2759

schistosomicides, for carcinogenicity 5399

Technique for separating

nematodes, from faeces 4882

Nematospiroides dubius, larvae & ova, from faeces 5462

shell from *Toxascaris leonina*, ova 4621

Technique for skinning, cestodes 2127**Technique for staining**

Ascaris, embryo chromosomes 3820

opishaptor sclerites, of monogeneans 6453

Technique for standardizing, experimental

infection of mice, with *Hymenolepis nana* 6446

Technique for storing

schistosomula, by cryopreservation 2744

test sera 3589

Technique for studying

cestodes, by skinning 3300

Cysticercus cellulosae, evagination 6308

enzyme distribution, in cestodes 294

Fasciola hepatica, in snails, by radiolabelling 5467

lymphatic efficiency, in filarial infections 4732

parasites

using radioactivity 3343

by scanning electron microscopy 5464

population dynamics, of helminths, in

Lepomis macrochirus 950

Trichinella spiralis, larvae, & bacteria, in vitro 5967

Technique for teaching, parasitology

958-959

Technique for testing

anthelmintic activity, by implanted diffusion chambers 5397

ovicides, discussed 5899

Technique for transferring, *Schistosoma*

mansoni, from mouse to mouse, surgically 5191

Technique for transplanting, *Schistosoma*

mansoni, into hamster 6445

Technique for treating, *Thelazia*, in cattle,

by cauterization 1517

- Tectonatica clausa**
Cercaria appendiculata 4218
C. octocauda 4218
C. saecoçaudata 4218
- Telorchis achavali**, n.sp., in *Pseudemys dorbignyi*, in Uruguay 5129
- T. bonnerensis**, in *Ambystoma tigrinum*, & *Chelydra serpentina*, histochemistry, compared 5320
- T. corti**, in *Chelydra serpentina*, histochemistry 5320
- T. gabesensis**, synonym of *Telorchis solivagus* 155
- T. mehrai**, n.sp., in *Kachuga kachuga*, in India 2976
- T. robustus**, in *Chrysemys picta*, in USA (South Atlantic), new record (h.) 1104
- T. solivagus**
 in *Clemmys leprosa*, in Spain, redescribed 155
 synonymy 155
- T. solivagus maroccanus**, synonym of *Telorchis solivagus* 155
- T. thapari**, n.sp., in *Hardella thurgi*, in India 2976
- Temnocephala talicei**, in *Aegla platensis*, in Paraguay, new record (g.) 6123
- Tendipes plumosus**, *Gastromermis hibernalis* n.sp. 491
- Tenebrionidae**
Abbreviata kazachstanica 2440
Macracanthorhynchus catulinus 2365
Moniliformis moniliformis 2365
Spirurata 1761
- Tenorastrongylus josephi**, n.sp., in *Mus musculus*, in Israel 5186
- Tentaculatia coryphaena**, in *Carcharhinus galapagensis*, in Hawaii, new record (g. & h.) 5141
- Tenuisentidae**, diagnosis emended 1205
- Teragramia willi**, n.g., n.sp., in *Dendroctonus valens*, in USA 2180
- Teratocephalus angustus**, n.sp., in *Lepisinus aculeatus*, in USA 2186
- Teretrurus sanguineus**, *Aplectana uropeptidarum* n.sp. 700
- Terminology**
 epidemiology 4785
 host-parasite relationships 5478
- Terranova**
 larvae, spices & food preservatives 911
 in man, in Japan, pathogenicity 543
- T. decipiens**
 in *Gadus morhua*
 in Arctic, & North Atlantic, geographical distribution, & incidence 1746
 pentanols & pentanones 3642
 in *Halichoerus grypus*, pathology 6083
 in *Phoca vitulina*, pathology 6083
- Terranova contd.**
T. gallocerdonis, in *Triaenodon obesus*, in Indian Ocean, & Red Sea, new record (g. & h.) 5179
- Testudo horsfieldi**, *Trichinella spiralis* 4347
- Tetanus**, & *Schistosoma mansoni*, in mouse, depression of immune response 5700
- Tetrabothrius minor**, & *Tetrabothrius procerus*, in *Fulmarus glacialis*, competition & microecology 317
- T. procerus**, & *Tetrabothrius minor*, in *Fulmarus glacialis*, competition & microecology 317
- T. sulae**, in gannet 2426
- Tetracotyle baughi**, n.sp., in *Nandus nandus*, in India 1808
- T. lali**, n.sp., in *Puntius ticto*, in India 2418
- T. singhi**, n.sp., in *Channa punctatus*, in India 1808
- T. sphaerula**, nom.nov., for *Strigea sphaerula*, metacercariae 150
- T. szidati** n.sp., in *Channa punctatus*, in India 4041
- T. tandoni**, n.sp., in *Ompok bimaculatus*, in India 1808
- Tetradonema plicans**, in Sciarinae, biological control agent 113
- Tetragomphus melis**, in *Meles meles anakuma*, in Japan, morphology 3009
- Tetrameres**
 in aquatic birds, in USSR (Kazakhstan) 3834
 in branchiopods, in USSR (Kazakhstan) 3834
- T. fissispina**
 in *Anas querquedula*, in Italy 2327
 in duck
 in USSR (European), chemotherapy 5391
 in USSR (Kazakhstan) 4013
 in *Gammarus lacustris*, in USSR (Kazakhstan) 4013
 in goose, in USSR (Kazakhstan) 4013
- T. (Gynaecophila) strigiphila**, n.sp., in *Strix varia georgica*, in USA (South Atlantic) 2443
- T. (Petrowimeres)**, reviewed 2444
- T. ryjkovi**, in *Anas crecca*, in Canada, new record (h.) 1733
- T. strigiphila**, n.sp., in *Strix varia georgica*, in USA (South Atlantic) 2443
- T. (Tetrameres) tinamicola**, n.sp., in *Eudromia elegans elegans*, & *Eudromia elegans albida*, in Argentina 2444
- T. tinamicola**, n.sp., in *Eudromia elegans elegans*, & *Eudromia elegans albida*, in Argentina 2444
- Tetramorium caespitum**
Raillietina echinobothrida 977, 5061
R. sibirica 977
R. tetragona 977

Tetramorium *contd.***T. tortosum***Raillietina echinobothrida* 4004*R. tetragona* 4004**Tetraodon fahaka***Heterobothrium fluviatilis* n.sp. 6159*Pallisentis tetraodontae* n.sp. 2203**Tetraogallus tibetanus aquilonifer**, *Ascaridia skrjabini* 4604**Tetraonchidae**, reviewed & spp. listed 687**Tetraonchus**, reviewed & spp. listed 687**T. alaskensis**in *Salvelinus alpinus*, in North America, new record (g.) 5635in *Salvelinus malma*, in Canada, redescribed 687**T. (Salmonchus)**, invalid 687**T. (Tetraonchus)**, invalid 687**Tetrochetus coryphaenae**, redescribed 5670**Thailand***Ancylostoma malayanum* 5601*Angiostrongylus cantonensis* 1022, 4158*Ascaris* 6014*Cyclodontostomum purvisi* 5099

filarids 4446

Gnathostoma spinigerum 4158

helminths, in man 2004

hookworm 873, 5251

Schistosoma 2856*S. japonicum* 4432**Thalarcos maritimus**, *Trichinella nativa* 4336**Thamnophis sirtalis**, *Physaloptera maxillaris* 4888**Thaprosipura meltadi**, in *Millardia meltada*, in India, seasonal variation 5351**Thelandros markovi**, n.sp., in *Agama caucasica*, & *Agama himalayana*, in USSR 4069**T. tba**, in amphibians, in Czechoslovakia, new record (g.) 629**Thelazia**

in cattle

in Canada 5100

chemotherapy & prophylaxis 5378

in Rumania epizootiology, & incidence 1667

in Senegal, chemotherapy 3295

in USA (East South Central) 34

in man

case report 2240

in Korea, case report 6012

T. californiensis, in man, in USA (Pacific), case report 537**T. callipaeda**

in man, in Japan, case report 571

ultrastructure of body wall 714

T. gulosa

in cattle

in USA (East South Central), local survey 4463

Thelazia gulosa *contd.*in cattle *contd.*

in USSR (Kazakhstan), incidence, & treatment by cauterization 1517

T. janikurgani, n.sp., in sheep, in USSR (Kazakhstan) 3010**T. kurilensis**, n.sp., in *Zanthopygia narcissina*, in USSR (Far East) 179**T. lacrymalis**

in horse

in Canada 5100

in USA (East South Central), local survey 4452

T. rhodesii

in cattle

in Malaysia, local survey, & treatment with boric acid 4469

in Poland, chemotherapy, & incidence 6395

in USSR (Far East), incidence 3417

scanning electron microscopy 5171-5172

T. skrjabini

in cattle

in USA (East South Central), local survey, & new record (g.) 4463

in USSR (Kazakhstan), incidence, & treatment by cauterization 1517

scanning electron microscopy 5171

Thelazioidea, key to genera 4060**Theodoxus fluviatilis**, *Cercaria micrura* II 4211**Therapon jarbua**, *Diplectanum jarbuae* n.sp. 140**Thersitina gasterostei**, in *Pungitius pungitius*, in Canada 3992**Thienemanniella**, *Gastromermis thienemannielli* n.sp. 491**Thominx contorta**, synonymy 196**T. frugilegi**, synonym of *Thominx contorta* 196**T. rigidula**n.comb., for *Capillaria rigidula* 6087in *Prunella collaris nipalensis*, in Nepal, new record (g. & h.) 6087**Threskiornis melanocephalus**, *Schwartzitrema lucknowensis* n.sp. 2417**T. molucca strictpennis**, *Paradilepis urceina* n.sp. 3338**Thrissocles**, *Paramazocraes vicinus* n.sp. 6161**T. dussumieri**, *Paramazocraes dussumieri* n.sp. 5116**Thylogale billardieri**, *Calostaurus thylogale* n.sp. 162**Thymallus arcticus baicalensis***Crepidostomum metoecus* 2931*Crowcrocaecum wisniewskii* 2931*Raphidascaris acus* 2931**T. brevirostris**, helminths 106

Thynnascaris

- in man
 - life-history, morphology, & taxonomy 520
 - transmission 4787
- in shellfish, public health importance 4787

T. aduncum, in laboratory animals, eosinophilic granulomata not produced 276

Thysaniezia

- in *Saiga tatarica*, in USSR (Kazakhstan), age & seasonal variation 5346
- in sheep
 - bithionol sulphoxide 427
 - clinical course 1057
- in USSR (Georgia), manganese arsenate 2059
- in USSR (Kazakhstan), prophylaxis 6383
- in USSR (Siberia), local distribution 3418

T. giardi

- in oribatid mites, development of mouth 2152
- in sheep, in USSR (Siberia), chemotherapy 2730

Thysanosoma actinioides

- in sheep 352
- in France, exotic infection 2287

Timor, microfilariae, in man 2280

Tinca tinca

- Ligula intestinalis* 1113
- Triaenophorus lucii* 1734

Tipula, nematodes 4534

Togo

- Ganeo africana* 142
- helminths, in man 1647-1648
- Onchocerca volvulus* 3826
- Opisthorchis lomeensis* n.sp. 1183
- Wuchereria bancrofti* 5921

Torquatoides crotophaga

- in *Crotophaga sulcirostris*, in USA (West South Central), new record (g. & h.), & redescribed 4067
- in *Geococcyx californianus*, in USA (West South Central), new record (g. & h.), & redescribed 4067

Tortrix, *Mermis albicans* 5097

Torynurus

- key to spp. 1206
- validated 1206

T. alatus, synonym of *Pharurus alatus* 1206

Totanus, *Cyclocoelum brasiliannum* 4898

Toxascaris

- in dog
 - pyrantel pamoate 2083
 - corrigendum 3257

T. leonina

- in dog
 - control, general account 5887

Toxascaris leonina *contd.*

- in dog *contd.*
 - levamisole camphorsulphonate 6408
- in fox, in USSR (Arctic) 1073
- ova
 - histology of shell 4621
 - technique for separating, shell 4621
- scanning electron microscopy 5690

Toxicity

- of aminoacrichin, to mouse 379
- of anthelmintics
 - to cat 252
 - to sheep 413, 417, 1534
- of antimony potassium tartrate
 - to man 6418
 - to mouse 6418
- of Bemosat, to rat 2058, 2086
- of bephenium hydroxynaphthoate, to rat 2058, 2086
- of bithionol, to mouse 379
- of bithionol sulphoxide, to sheep 5364
- of bunamidine hydrochloride, to dog 5454
- of *Butea frondea* extract, to dog 2688
- of Calclofos, to dog 386
- of cambendazole 5379
 - to dog 882
 - to man 5865
 - to mouse 882
 - to sheep 883
- of carbon tetrachloride
 - to cattle 4306
 - to rat 3798
 - to sheep 2033, 2700, 4791
- of carbon tetrachloride plus *N,N'*-diphenyl-*p*-phenylene diamine, to sheep 2033
- of carbon tetrachloride plus *N,N'*-diphenyl-*p*-phenylene diamine, to sheep 4273
- of carbon tetrachloride plus hexachloroethane
 - to cattle 2095
 - to sheep 2095
- of chlorophos plus atropine, to animals 4248
- of copper sulphate
 - to rabbit 1482
 - to sheep 1438-1439, 1508, 2703
- of cyacetazide, to sheep 5440
- of dichlorophen
 - to duck 1500
 - to laboratory animals 3735
- of dichlorvos, to dog 3222
- of dicresyl, to sheep 2057
- of diethylcarbarnazine
 - to dog 4261
 - to man 5433
- of diethylcarbarnazine citrate
 - to cat 5821
 - to man 5843
 - to rat 5375

Toxicity contd.

- of diphenyl sulphides
 - to mouse 5451
 - to sheep 1544
- of Diphehyl, to rat 2058, 2086
- of ethanolmorpholine derivatives, to mouse 5969
- of fenbendazole
 - to rabbit 444
 - to rat 444
 - to sheep 444
- of fenchlorphos
 - to animals 3708
 - to sheep 2057, 2679
- of furfuryl dithiocarbamate ethane, to sheep 2203
- of haloxon, to pig 6425
- of hexachlorophene
 - to dog 1515
 - to sheep 380
- of hycanthone 5422, 5826
 - to animals 1434, 5392
 - & hycanthone analogues, compared 5372
 - to laboratory animals 3729
 - to man 345, 385, 1434, 1491, 5388, 5434
 - to mouse 5897
 - & oxamniquine, compared 5430
 - to rabbit 5897
- of hycanthone methanesulphonate, to man 3767
- of indazoles 5826
- of levamisole
 - to cattle 389, 3744, 3789
 - to guinea-pig 4267
 - to horse 3744
 - to mammalian leucocytes, *in vitro* 3744
 - to rat 3744
- of levamisole hydrochloride, to dog 418
- of lucanthone 5422, 5826
 - to animals 1434
 - to man 1434
- of magnesium sulphate, to man 2658
- of mebendazole 5379
 - to dog 1474
- of methyridine, to cattle 934, 2044
- of metronidazole
 - to man 402
 - to mouse 402
- of molluscicides
 - to banana 940
 - to non-target plants & animals 877
- of naphthalophos
 - to carp 6417
 - to fowl 5410
 - to rabbit 5410
- of niridazole 5422
 - to man 402, 3731, 3783, 4251, 5855
 - to mouse 402
- of nitroscanate, to dog 2678

Toxicity contd.

- of oxyclozanide, to rabbit 4373
 - of parbendazole 5379
 - to horse 4322
 - of phenothiazine
 - to rabbit 1482
 - to sheep 2733, 6427
 - of phenothiazine plus salts, to sheep 1483
 - of piperazine
 - to cat 5446
 - to man 2689, 4321, 6376
 - to rat 5403, 6362
 - of Polyhelminicide DGPF, to duck 1500
 - of schistosomicides
 - discussed 5385
 - to laboratory animals 5367
 - to man 5376, 5398, 5442
 - of sodium antimony dimethylcysteine tartrate, to man 393
 - of substituted β -amino-ketones, to mouse 3739
 - of tetramisole
 - to cat 2724-2725
 - to cattle 389
 - to rabbit 359
 - to rat 6362
 - of thiabendazole, to rat 3728
 - of thiacetarsamide sodium, to dog 1532
 - of tin arsenate, to *Rangifer tarandus* 1911
 - of trichlorophen, to laboratory animals 3735
 - of trichlorophos, to animals 3708
 - of trichlorophen
 - to animals 3708
 - to cattle 4811, 4872
 - to dog 3727
 - to fowl 2096, 3752, 4250
 - to horse 4264
 - to mouse 4857
 - of trichlorophen analogues, to mouse 4856-4857
 - of *N*-tritylmorpholine
 - to aquatic animals 1445
 - to *Gambusia* 1495
 - of tubercidin, to *Papio* 3743
- Toxocara**
- in animals, in Sweden, transmission to man 4781
 - in cat
 - in Britain, incidence 4246
 - in USA (North Atlantic), incidence 2641
 - in dog
 - in Britain
 - incidence 4246
 - public health aspects 5333
 - control, general account 5887
 - pyrantel pamoate 2083
 - corrigendum 3257

Toxocara contd.in dog *contd.*in USA (North Atlantic), incidence
2641

in fowl, pathology & clinical signs 3154

in *Leo felis* 3959

in man

in Britain

case report 4430

epidemiology 4246

case reports 2837

diagnosis using *Ascaris* & *Toxocara*

antigens 5247

diagnosis by FAT 5737

ova, in soil, in USA (North Atlantic)
2641technique for producing, ES antigen
1874& *Toxoplasma*

in man 2960

in Britain, case report 3890

T. canis

antieosinophil serum 731

antigen analysis 4692

antigenic studies 4130

& *Ascaris*, in pig, pathology & allergic
reaction, compared 3155& *Ascaris suum*

in guinea-pig, cross antigenicity 214

in man, pulmonary manifestations,
compared 4699

in rabbit, cross antigenicity 3609

diagnosis by FAT 5719

in dog

in Britain, local survey 5022

in Canada, incidence 4558

diagnosis by FAT 6255

eosinophilic gastroenteritis 2548

iron levels 1344

lactogenic & prenatal infection 3697

levamisole camphorsulphonate 6408

manganese & copper in host tissues
1346

mebendazole 1474

peritoneal invasion 1298

public health aspects 6323

trace elements in testes 1345

transmission to man, discussed 4221

in USA, transmission to man 4782

zoonosis 3687

in *Eudrilus eugeniae*, experimental 4538

in fowl, pathology & clinical signs 3154

& *Giardia canis*, in dog, in Rumania
2963in guinea-pig, homocytotropic antibody
730

larvae

in mouse, haematology 1912

technique for culturing 1874

in man

blindness 5987

epidemiology 4221

Toxocara canis contd.in man *contd.*epidemiology *contd.*

& immunodiagnosis 3403

localization in eye 548, 3899

in Poland 2247

(thesis) 5516

morphology 2995

in mouse

cortisone & granuloma formation 2493

cortisone & histopathology of liver
6279

cortisone & prenatal infection 2508

electrocardiograph & localization in
heart 1304

histopathology 281

indirect immunofluorescent test with
larval antigen 1219

infectivity 2630

larval migration 3680

pathology of eye 5271

ova

scanning electron microscopy 3013

in soil 2630

ultrastructure 2451

in rabbit

antigen structure & antibody formation
1884indirect immunofluorescent test with
larval antigen 1219in rat, anaphylactic histamine release *in*
vitro 1883

scanning electron microscopy 2994, 5690

technique for preparing, larval antigen
1219**T. cati**

in cat

anthelmintics, compared 1476

levamisole camphorsulphonate 6408

morphology 2995

in mouse, migration & development 970

ova, control by sodium salts plus calcium
superphosphate 900

scanning electron microscopy 2994

scanning electron microscopy of cephalic
& caudal sense organs 5184**T. mackerrasae**, in *Rattus leucopus*, in New
Guinea, new record (g. & h.) 1819**T. mystax**

antigenicity 748

ova, scanning electron microscopy 3013

T. tanuki, in mouse, migration &
development 969**T. vitulorum**, in buffalo, transmammary
infection 971**T. warreni**, n.sp., in *Hyemoschus aquaticus*,
in Gabon 187**Toxoplasma**& *Toxocara*

in man 2960

in Britain, case report 3890

Toxoplasma contd.

T. gondii, & *Trichinella spiralis*, in man,
serological response 896

Trachinotus falcatus, *Hurleytrema pyriforme*
n.sp. 5677

Trachurus trachurus, helminths 3461

Trachyphonus darnaudii, *Diplotriana*
darnaudii n.sp. 6207

Tramea, *Haematoloechus coloradensis* 3310

T. abdominalis, *Gorgoderina rochalimai*
2756

Transversotrema patialensis, cercariae,
attachment to final host 2424

Travassosstrongylus paraquintus, n.sp., in
Metachirops opossum, in French Guiana
182

Travel

helminths, in man 5545

Wuchereria bancrofti 6330

Treatment (see also Anthelmintics; Control)

Ascaris 269

Brugia pahangi 252

Clonorchis sinensis 2859

Coenurus 1684

Cysticercus 1457

C. pisiformis 3237

Dirofilaria immitis 2108, 4307-4308,
5023

Fasciola 1535-1536

F. hepatica 3801, 4411

filariids 5848

Filaroides osleri 2034

heartworm 6275

helminths

in dog 6066

in man 2099

hydatid 3, 510, 554, 784, 889, 910, 916,
1016, 1221, 1288, 1605, 2245, 2823,
3380, 3879, 3895, 4947, 5548, 6003,
6270

Loa loa 1010

Opisthorchis felineus 2859

O. viverrini 2859

parasites

in man 4359

in zoo ungulates 4859

Schistosoma 1453, 2538, 2861, 3369

S. haematobium 1498, 4808

S. japonicum 513

S. mansoni 1252, 1498, 4807

Setaria digitata 6029

Strongyloides ransomi 1247

S. stercoralis 1629, 2229

Strongylus vulgaris 4161

Thelazia gulosa 1517

T. skrjabini 1517

Trichinella 1013

T. spiralis 2663

Trichuris trichiura 557

Trematode larvae (see also group names of larval stages, generic names of adults)**Trematode larvae contd.**

in amphibians, in Czechoslovakia, survey
4521

control by aquatic insects 3740

in freshwater molluscs

in USSR (European) 3488

in USSR (Uzbekistan) 5648

in gastropods, in USSR (Ukraine), local
survey 660

glycogen storage, & succino-
dehydrogenase 2601

in lamellibranchs, in USSR (Ukraine),
local survey 660

in molluscs, in USSR (Ukraine),
development in shallow waters 1978

in *Planorbis planorbis*, heterologous
immunity 3587

Trematode metacercariae, in crab, in China
1796

Trematodes (see also group names)

in *Abramis brama*, in Caspian Sea, age
variation 84

in acipenserids, in Caspian Sea, incidence
2926

in amphibians

in Czechoslovakia, host list 4521

in Taiwan, new records (h.) 2406

in animals

biological control of intermediary
1763-1764

in Niger, control & ecology of
intermediaries 2935

in aquatic birds

& molluscs, in Black Sea, ecology, &
incidence 1405

in Yugoslavia, morphology, & new
records (g.) 2328

in aquatic insects

annotated list 648

in USSR (Siberia), local survey 648

in *Barbus barbus*, in Caspian Sea, age
variation 84

in birds

in USSR (Kirgizia), listed 132

in USSR (Siberia) 2907

local survey 616

in USSR (Ukraine)

listed 3446

survey, & new records (g. & h.) 69

in Yugoslavia, local survey, & new
records (g. & h.) 5062

in Charadriiformes, in Black Sea, new
records (h.) 618

control of intermediaries by flies,
discussed 3736

in copepods, in USSR (Ukraine), ecology,
& life-cycles 5951

in Corvidae, in USSR, morphological
variations 2403

development of germ cells 467

in elasmobranchs, in South Atlantic,
morphology 2965

Trematodes *contd.*

- in fish
 - in Arabian Sea 1394
 - in Atlantic 1394
 - in Black Sea, incidence 2914
 - in Gulf of Aden, listed 4583
 - in Indian Ocean 1394
 - & mammals, alkaline phosphatase activities, compared 4199
 - in Pacific 1394
 - in Red Sea 1394
 - listed 4583
 - in South China Sea 1394
 - in USSR (Aral Sea), ecology 314
- in fox, in USSR (European), incidence, & listed 2307
- in freshwater fish, in USSR (Ukraine), incidence 3459
- in freshwater molluscs
 - in USSR (European), age & seasonal variation 2363
 - in USSR (Ukraine), local survey 657, 661
- in gastropods
 - host carbonic anhydrase 3625
 - in USSR (European) 123
 - in USSR (Ukraine) 1133
- histology 5509
- host index-catalogue 4377
- in *Ixobrychus minutus*, in USSR (Tadzhikistan) 2338
- in Limicolae, in USSR (European) 2969
- in *Littorina obtusata*, in USSR (Arctic), bird concentrations & infection rate 3209
- in *Littorina saxatilis*, in USSR (Arctic), bird concentrations & infection rate 3209
- in mammals, in USSR (Kirgizia), listed 132
- in man
 - biological control of intermediary 1763-1764
 - in Niger, control & ecology of intermediaries 2935
- in marine fish, new species [not named or described] 1394
- microsporidians 2173
- in molluscs
 - in USSR (Aral Sea), ecology 5980
 - in USSR (Azerbaijan), incidence 3489
 - in USSR (European)
 - local survey 3471
 - morphology 4008
 - in USSR (Kazakhstan), distribution & incidence 1755
 - in USSR (Ukraine)
 - ecology, & life-cycles 5951
 - local survey 2944
 - in USSR (Uzbekistan), local survey 1137

Trematodes *contd.*

- & nematodes, in animals, chemotherapy 436
- in *Nyctereutes procyonoides*, in USSR (European), incidence, & listed 2307
- in *Ondatra*, in USSR (European) 59
- in Physidae, defence reaction 3565
- in planorbid, in USSR (Belorussia), incidence 3492
- in Portugal, check list 3340
- in Rallidae, in USSR (Tadzhikistan), survey, & new records (h.) 1723
- in *Rana macrocnemis*, in USSR (European), local survey 150
- in reptiles, in Taiwan, new records (h.) 2406
- in *Rutilus rutilus caspicus*, in Caspian Sea, age variation 84
- in salmonids, in Japan 639
- in snails
 - biological control agents 4324
 - in Iran, host susceptibility 642
- in Spain, check list 3340
- technique for preparing, for staining 1561
- in turtles, in USA (West North Central), listed 145
- in USSR (Far East), adaptation to intertidal life 3191
- in vertebrates, in Greenland, survey, & new records (g.) 4076
- in zebu, in Africa, survey 2868
- Trematomus bernacchii***, helminths 95
- Tremiorchis***, diagnosis emended, & key to spp. 5666
- T. ranarum***
 - in amphibians, in India, redescribed 5666
 - egg-shell formation 819
 - osmoregulation 4762
- Tretanorhinus variabilis***, *Ophiotaenia viperis* 5681
- Triacanthus brevirostris***, helminths 4530
- Triaenodon obesus***, *Terranova gallocherdonis* 5179
- Triaenophorus***, in copepods, in USSR (European), incidence & host ecology 3485
- T. lucii***
 - in *Esox lucius*, in Italy, local survey 1734
 - in *Tinca tinca*, in Italy, local survey 1734
- T. nodulosus***
 - in carp, delayed hypersensitivity 5713
 - coracidia, pesticides 2684
 - in *Cottus gobio*, in Britain, ecology & seasonal variation 2632
 - in *Cyclops strenuus*, host metamorphosis & fecundity 4150
 - in *Esox lucius*, in USSR (European), control, & incidence 3466

***Trienophorus nodulosus* contd.**

- in *Eudiptomus gracilis*, amino acid content of haemolymph 5962
- glycogen & lipid metabolism 4180
- in *Noemacheilus barbatulus*, in Britain, ecology & seasonal variation 2632
- osmotic regulation 2590
- ova
 - sodium salt of dimethyl-4-chlorophenoxy acetic acid & embryonic development 4820
 - trichlorphon & embryonic development 4820

& *Raphidascaris acus*, in *Paracottus kessleri*, capsule degeneration 4033

Triakis semifasciata

- Branchellion lobata* 3842
- Eutetrarhynchus litocephalus* n.sp. 164
- Nybelinia anthicosum* n.sp. 164

Tribolium confusum

- Hymenolepis microstoma* 5142
- H. nana* 1355
- mebendazole 6366

Trichinella

- in *Alopex lagopus*, serodiagnosis 6261
- in animals
 - in Australia, diagnosis 990
 - cross breeding & species validity 698
 - & man, in USSR (European), transmission & control 5804
 - in Poland 2384
 - reviewed 2793
 - serodiagnosis 2786
 - in USSR (European)
 - epizootiology, & incidence 2951
 - local survey 5098
 - in USSR (Far East)
 - discussed 4553
 - distribution 1987
- antigen, inducing lymphocyte blastogenesis 3549
- antigens, preparation & testing 3044
- (book) 4923, 6485
- in Bulgaria, species identification by cross-breeding 5174
- in *Canis lupus*, in Portugal, epizootiology 324
- in carnivores
 - in Iran, host range & taxonomic status 5599
 - in USSR (European) 5597
- conference proceedings 3859
- cysts, technique for detecting, by xeroradiography 4336
- diagnosis by ELISA 1873
- diagnosis by HAT 3022
- in domestic animals, in USSR (Lithuania), local survey 1166
- & *Erysipelothrix insidiosa*, in rat, interaction 4566
- in fox
 - in USSR (Arctic) 1073

***Trichinella* contd.**

- in fox contd.
 - in USSR (Kazakhstan), incidence 5806
 - in Yugoslavia 6329
- in guinea-pig, FAT & immunocytes 3101
- immunity, (book) 1590
- in laboratory animals, infectivity of strains-6078
- larvae
 - ES antigens 3045
 - in vitro, integumental feeding 1971
 - in laboratory animals, pathology 1341
- in mammals
 - in USSR (Arctic), incidence & localization 2955
 - in USSR (Far East), survey 1157
 - in USSR (Lithuania) 6347
 - incidence 1165
 - in USSR (Ukraine), epizootiology 2806
- in man
 - adrenal gland function 5756
 - & animals, in USSR (Siberia), epidemiology 328
 - in Britain, outbreak in 1941 5526
 - chronic myopathy 3146
 - diagnosis 3390, 3640
 - diagnosis by C-reactive protein 3027
 - diagnosis by FATI & HATI, compared 3060
 - diagnosis by IT 5967
 - history 9
 - host age & pathology 3902
 - host protein changes 3030
 - immunodiagnostic tests, compared 5963
 - immunoglobulins 1852
 - immunopathology 5967
 - local survey 5657
 - pathology 3628
 - pathology of muscle 1913
 - in Poland
 - clinical assessment 1908
 - clinical problems 2241
 - control 5406
 - economic loss 3134
 - outbreak 3199
 - protein metabolism 3147
 - respiratory involvement 2551
 - reviewed 2793
 - serodiagnosis 1280, 2786
 - compared 4111
 - discussed 1868
 - serodiagnosis & asymptomatic infection 3599
 - serodiagnostic tests, compared 1279
 - in Spain, survey 22
 - superinfection 5963
 - in USA
 - incidence 3354
 - (report) 6500-6501

Trichinella contd.in man *contd.*

in USSR, control, & epidemiology 2637

in USSR (European)

epizootiology, & incidence 2951
outbreak 5533

in USSR (Far East), discussed 4553

in USSR (Lithuania) 6347

case reports, & treatment 1013

in USSR (Ukraine)

case reports 15

outbreaks 1401

sanitary measures 351

in Yugoslavia, epidemiology 6329

in mouse

benzimidazole, mode of action 5967

chemotherapy 3270

development & host diet 1372

immune response &

phytohaemagglutinin 5722

immunosuppression & development 3086

immunosuppression & muscle phase 3087

intestinal & serum Ig 3576

macrophage inhibition & cytoadherence 3053

mast cells & immunosuppression 3061

in *Mustela altaica*, in USSR (Kazakhstan), incidence 5806in *Ondatra zibethica*, in USSR

(Kazakhstan), incidence 5806

in pig

intra-dermal reaction with *Rhabditis axei* antigens 5199

meat inspection 3696

in Poland, incidence 2008

resistance & geographical strains 4083

serodiagnosis, compared 4111

serodiagnostic tests, compared 1842

technique for detecting 2750

technique for diagnosing 3595

in USA, incidence 3354

in USSR (European), local survey 5657

in USSR (Ukraine)

diagnosis by FAT 6211

sanitary measures 351

in Yugoslavia 6329

in pig meat

technique for detecting 3307, 5922

by rapid automatic on-line scanning 3827

in rabbit

antibody production & superinfection 3598

in Poland 2384

serodiagnosis, compared 4111

in rat

adrenal cortex hormones & intestinal phase 5967

Trichinella contd.in rat *contd.*

carbohydrate metabolism & intestinal phase 5967

cross immunity 3029

histamine synthesis 1226

imidazole-containing dipeptides in

muscle & infection intensity 3117

serodiagnosis, compared 4111

stage-specific antibodies 1250

thiabendazole & mesenteric fat cells 779

in Yugoslavia 6329

in rodents, in USSR (Lithuania) 1167

in sausage meat, viability & water activity 409

species differentiation 5597

species identification 2991

(strains), in man, chemotherapy, & pathogenicity 3143

technique for decontaminating, meat, by electric discharge in liquid 4328

technique for detecting, in muscle 4335

& typhoid, in man, in Chile, heterophilic

antibodies 1275

in wild animals, in USSR (Lithuania)

1167

in wild carnivores, in USSR (European)

50

in wolf, in USSR (Ukraine) 1703

T. nativa

larvae, left & right turned 4606

in man, in USSR (Siberia), case reports, &

epidemiology 2854

in *Thalarcos maritimus*, in Britain, zoo 4336*Trichinella pseudospiralis*, & *Trichinella spiralis*, biomorphology, cross-

breeding, & validity 2990

T. nelsoni

karyotype 4904

larvae, left & right turned 4606

T. pseudospiralis

chromosome number 5929

in fowl, experimental 2909

in *Procyon lotor*, in USSR (European),

morphology 5597

Trichinella nativa, & *Trichinella spiralis*, biomorphology, cross-breeding, &

validity 2990

T. spiralisin *Alopex lagopus*, in USSR (Siberia), outbreak 1074

in animals

diagnosis, (book) 4913

epizootiology, reviewed 4241

immunosuppression 2524

& man

brief account 4392

epidemiology, reviewed 6326

in Rumania, incidence 4554

in USSR, epizootiology 4778

Trichinella spiralis contd.

- antigen isolation & purification 4091
- antigenicity of newborn larvae 1854
- BCG & immunopotential 5720
- biochemistry, reviewed 3169
- & cancer, in rat 3619
- in carnivores
 - in Iran, survey 506
 - in USA (Mountain), survey 2892
- chemotherapy, reviewed 3228
- in *Citellus erythrogenus*, in USSR (Siberia), epizootiology 327
- in *Cricetulus griseus*, immunosuppression by Freund's adjuvant 4115
- decapsulated larvae, technique for decontaminating 3828
- detection of low level infections 5918
- diagnosis by FAT 5963
- diagnosis by modified IFAT 3569
- in dog, in Chile, local survey 598
- eosinophilia 725
- epidemiology & life-cycle, reviewed 3204
- formation & utilization of stichosome secretory globules 4176
- general account 5523
- geographical distribution 5964
- in guinea-pig
 - eosinophilia & intestinal phase 3580
 - helenine 876
 - humoral antibody formation 1230
 - immunosuppressive drugs 5221
 - transfer of delayed hypersensitivity 4103
- in *Herpestes auropunctatus*, in Virgin Islands, not found 6148
- histopathology of host muscle cells 4144
- hypersensitized lymphocyte ultrastructure 3571
- immunology 5208
 - reviewed 3100
- in vitro, growth & development 4766
- information exchange 3330
- in laboratory animals, distribution & muscle type 5961
- larvae
 - antigen analysis 3024
 - & bacteria, *in vitro*, technique for studying 5967
 - bioenergetics 1946
 - in *Dermestes lardarius*, not viable 2948
 - guanine-cytosine content of DNA 286
 - left & right turned 4606
 - leucoagglutinating factor 3604
 - in meat, control by bacteria 5967
 - migration 5967
 - morphology 6198
 - technique for detecting, in muscle by digital image transmutator 3306
- in *Macaca mulatta*, pathology, & thiabendazole 4148
- in mammals, in Switzerland, survey 6487

Trichinella spiralis contd.

- in man
 - abdominal syndrome 3144
 - in Bulgaria, Ig levels & eosinophilia 6222
 - in Canada, epidemiology 4779
 - case report 5996
 - in Chile, outbreak 2857
 - cooking & sausage size 2274
 - in Czechoslovakia, literature review 2805
 - diagnosis, (book) 4913
 - diagnosis by ELISA 3562
 - diagnosis by rapid HAT 3091
 - electromyographic changes 3130, 3133
 - elevated IgE 3093
 - epidemiology, reviewed 4241
 - HAT & C-reactive proteins 1236
 - host enzyme activity 5961
 - in Japan, outbreak 567
 - in Laos, localization in eye 5531
 - in Lebanon, outbreak 1020
 - muscle & serum enzyme activities 3145
 - in Netherlands, reviewed 3331
 - pathology of muscle, brief account 3334
 - in Poland, literature review 3326
 - serum enzymes 5962
 - serum Ig levels 1264
 - in South America, brief review 2841
 - in Sweden, antibody response 3073
 - in Switzerland, survey 6487
 - tanned cells & unspecific reactions 2476
 - techniques for diagnosing, compared 2743
 - thiabendazole & sterilization 3243
- in USA
 - general account 4417
 - incidence 2850, 3508
- in USA (North Atlantic), incidence 3397
- in USA (Pacific)
 - case report & chemotherapy 896
 - incidence 4425
- in USSR, epidemiology 4778
- in USSR (Far East), zoonoses 4231
- in USSR (Kazakhstan), autopsies findings 3913
- in USSR (Siberia), case reports, & epidemiology 2854
- in Virgin Islands, not found 6148
- in marine mammals, in USSR (Far East), zoonoses 4231
- morphogenesis & mode of nutrition 4204
- in mouse
 - acquired immunity 4125
 - age resistance 217
 - alloxan diabetes 4375
 - anthelmintics, reviewed 3751
 - azothiaprime 4800

Trichinella spiralis contd.

in mouse contd.

- benzimidazole derivatives, mode of action 3064
- conferring non-specific bacterial resistance 3040
- cyclophosphamide 4800
- development 4347
- diagnosis by immunocytoadherence test 3090
- expulsion & phospholipase B 3067
- fenbendazole 1478
- fenthion 5962
- histology of thymus 1864
- host muscle phosphatase activity 4375
- host-parasite relationship in muscle phase 4200
- host strain & resistance 4677
- humoral antibody production 1266
- hydrocortisone & thiabendazole 2663
- hyperglycemia & allergic response 3099
- immune response 3066
- immunity 724
- immunity & drug-abbreviated infection 3038
- immunocytoadherence 3601, 4120
- immunodepression 2497
- immunodepression by sheep erythrocytes 5715
- immunogenicity of stichosome 3575
- immunosuppression 1223
- immunosuppression & intestinal response 4672
- immunosuppression by new-born larvae 5201
- infection during pregnancy & maternal behaviour 4738
- inhibiting sarcoma development 1251
- Intal & mast cell degranulation 5718
- lactation & cell mediated immunity 6250
- methotrexate 4800
- organophosphorus esters & cholinesterase activity 919
- passive immunity 5738
- pathology of lymph nodes 4093
- pathology of muscle 760
- phosphatase activity 3179, 5961
- phosphorus metabolism 5961
- plasma kinins & expulsion 5211
- respiratory enzyme activity 5961
- serum leucoagglutination & cytotoxicity 221
- stage-specific immunity 3570
- suppressing allograph immunity 212
- suppression of immune response to heterologous antigens 1860
- T-cell dependence 6247
- transfer of delayed hypersensitivity 3089
- villous atrophy & malabsorption 4160

Trichinella spiralis contd.& *Nippostrongylus brasiliensis*, in rat, cross immunity 4102

- occurrence & ultrastructure of hypodermal gland cells 4059
- in *Odobenus rosmarus*, in Greenland 5046
- peroxidase & host resistance 3033
- phosphatase activity 4375, 5307
- in pig
 - in Canada, local survey 6058
 - diagnosis by ELISA 1872, 2520, 3094, 4678, 6239
 - diagnosis by FAT 3054–3055, 3058
 - diagnosis by IT 4078
 - host mineral levels 4708
 - in Ireland, not found 4936
 - in Netherlands
 - diagnosis, & incidence 3950
 - reviewed 3331
 - serodiagnosis & mixed infection 4630
 - sterols 3159
 - technique for detecting 447
 - trichlorphon 3233
 - in USA, incidence 3508
 - in Virgin Islands, not found 6148
- in rabbit
 - electrocardiographic changes 3121
 - host enzyme activity 5961
 - host metabolic rate 6277
- in rat
 - cell adherence reaction 4121
 - cellular & humoral response 1867
 - conferring resistance to *Strongyloides ratti* 6235
 - decontamination of decapsulated larvae 3828
 - host energy metabolism 1896
 - host muscle proteins 5961
 - host nutrition 6293
 - humoral & cellular transfer of resistance 4095
 - immunity 2521
 - immunization 3047
 - immunization with *in vitro* metabolic products 4080
 - immunocytoadherence 3601, 4120
 - immunogenicity of parenteral stage 5231
 - immunoglobulins 6251
 - immunology & chemotherapy 3059
 - lamina propria cells & resistance 4632
 - mebendazole 3292
 - muscle & serum enzyme activities 3145
 - protective immunity 4116
 - protein diet & weight gain 783
 - rubidomycin 6372
 - serum aminotransferase 249
 - stage-specific antibodies 737
 - stichocyte granule secretion & immunity 4181

***Trichinella spiralis* contd.**

in rat contd.

thiabendazole 3728

mode of action 3733

worm expulsion 3075

& Rauscher leukemia virus, in mouse,
splenomegaly 678

in rodents, in Iran, survey 506

& *Sarcocystis miescheriana*

in pig

differential diagnosis 3536

in Rumania 2395

2-substituted benzimidazoles 4864

technique for assessing, viability, by

fluorescent microscopy 3302

in *Testudo horsfieldi*, development 4347& *Toxoplasma gondii*, in man, serological
response 896*Trichinella nativa*, & *Trichinella**pseudospiralis*, biomorphology, cross-

breeding, & validity 2990

& *Trypanosoma lewisi*, in rat, interaction
4560

& virus

in mouse, antibody response 4633

in rabbit, antibody response 4633

in *Viverra civetta*, in South Africa, new
record (h.) 5112in wild animals, in South Africa,
epizootiology 5112***T. spiralis* var. *domestica***, chromosome
number 5929***T. spiralis* var. *nativa***, chromosome number
5929***T. spiralis* var. *nelsoni***, chromosome number
5929***Trichobilharzia brevis***, cercariae, chaetotaxy
4571***T. ocellata***

cercariae, in molluscs, shedding 3308

in duck

challenge infections 3560

egg production 74

passive immunity 3551

in *Lymanaea stagnalis*

cellular reactions 1768

host-parasite relationships 1756

T. physellaein *Anas*, in China (North East) 1415

in man, in China (North East),

schistosomae dermatitis 1415

T. querquedulae, in *Anas crecca*, in Canada,
new record (h.) 1733***Trichocephaloidis beauforti***, n.sp., [not
described], in aquatic birds, in
Guadeloupe 6184***Trichocephalus***, in *Ochotona rufescens*, in
USSR (Turkmenia), new record (h.)
1078***Trichogaster fasciatus****Clinostomum piscidium* 1571*Eucreadium gangi* n.sp. 1810***Trichonema***, in horse, development, &
physiology, (thesis) 2194***T. bidentatum***, to *Cylicostephanus*
bidentatus, n.comb. 5697***T. catinatum***, in horse, in Britain, inhibited
development & seasonal variation 3206***T. goldi***to *Cylicostephanus goldi*, n.comb. 5697in horse, in Britain, inhibited development
& seasonal variation 3206***T. largocapsulatum***, to *Cylicocylus*
largocapsulatus, n.comb. 5697***T. longibursatum***

in donkey, in USSR, new record (h.)

1661

in horse, in Britain, inhibited development
& seasonal variation 3206***T. matumurai***, to *Cylicocylus matumurai*,
n.comb. 5697***T. nassatum***, in horse, in Britain, seasonal
variation 3206***T. ornatum***, to *Cylicostephanus ornatum*,
n.comb. 5697***T. skrjabini***, to *Cylicostephanus skrjabini*,
n. comb. 5697**Trichonematidae**, in horse, in Britain, drug
resistance 1496**Trichoptera**, parasites 3484***Trichospirura***evolution of osmoregulatory apparatus
5163in *Myotis mystacinus*, in Malaysia,
morphology 5163***T. willmotiae***, n.sp., in *Tupaia glis*, in
Malaysia 5163**Trichostrongyles**

in sheep

in Britain, clinical outbreak & control
1545

in Bulgaria, coumaphos 3720

tetramisole 415

in USSR (Kazakhstan), pyrantel
tartrate 421**Trichostrongylid larvae**

on pasture

in New Zealand, incidence forecast
5519

in Norway, seasonal variation 2650

in Spain, ecology 5518

Trichostrongylids

in cattle

in Netherlands, overwintering 846

in Norway 2650

& sheep, control by mixed grazing

1993

in Switzerland, incidence, & seasonal
variation 3198in West Germany, incidence & seasonal
variation 2010in *Gazella dorcas*, in Tunisia,

thiabendazole 4983

Trichostrongylids *contd.*

- in goat
 - in Kenya 6037
 - in Philippines, Fen-arsenate 943
- in sheep
 - in Australia, seasonal variation 5352
 - in Britain, population dynamics 2638
 - in Kenya 6037
 - mixed grazing & worm burden 1993
 - in New Zealand
 - chemotherapy, & resistance 5519
 - chemotherapy & pasture rotation 1002
 - in Nigeria, periparturient rise 6348
 - parasite population regulation 5801

Trichostrongyloidea

- in birds, in Israel, ecology, morphology, & zoogeography 5186
- in mammals, in Israel, ecology, morphology, & zoogeography 5186

Trichostrongylus

- in animals, in Iran, incidence 502
- in mammals, in Iran, distribution & incidence 4388
- in man
 - in Brazil (South), case report 561
 - clinical aspects 2249
 - in Iran
 - chemotherapy 887
 - chemotherapy & sanitation 865
 - distribution & incidence 4388
 - incidence 502
 - in Poland, case reports, & incidence 20
- morphology of spicules 4454
- ova, in sewage, in Iran, survival 851
- in *Papio cynocephalus*, in Kenya, egg count & social & reproductive factors 6299
- in rabbit, pathogenicity 3353
- in sheep
 - in Britain, diarrhoeic syndrome 5276
 - pathogenicity 3353
 - peristaltic disturbances 5744
 - in USSR (Siberia), chemotherapy 6438

T. axei

- in horse, oxbendazole 5421
- in rabbit, experimental 2894
- in sheep, in Argentina, levamisole 6419

T. capricola

- in *Capreolus capreolus capreolus*, in USSR (Azerbaijan), new record (h.) 6031
- in man, new record (h.) 526

T. colubriformis

- in guinea-pig
 - basophil & eosinophil dynamics 1871
 - cellular response 5709
 - host RNA metabolism 768
 - leucocyte response 1271
- in *Hystrix indica*, in Israel, redescribed 5186

Trichostrongylus colubriformis *contd.*

- larvae & ova, on pasture, in USA (East North Central), survival 4775
- in sheep
 - feed efficiency & weight gain 1894
 - host food intake & utilization 2541
 - host nutrition 6286
 - host protein synthesis 3638
 - osteoporosis 3156
 - pathology of intestine, & localization 3116
 - synonymy 2437

T. lerouxi

- n.sp., in cattle, in Iran, & Sardinia 2437
- synonymy 2437

T. longispicularis

- in cattle, in Philippines, morphology, & new record (g.) 715
- in part, synonym of *Trichostrongylus lerouxi* 2437
- synonym of *Trichostrongylus colubriformis* 2437

T. maci, to *Ichthyostrogylus*

- scorpaenaeacirrhosae* 6201

T. orientalis

- larvae, physical factors & survival 832
- in man, in Japan, pyrantel pamoate 2120

T. retortaeformis

- in rabbit
 - experimental 4493
 - pathology of intestine, & localization 1892

T. tenuis

- in fowl
 - in Chile, new record (g.) 6085
 - in Iran, new record (g.) 5060
- in goose, in Germany, mebendazole 3726

T. vitrinus, in sheep, pathogenicity 4936**T. witenbergi** n.sp., in sheep, in Israel 707**Trichuris**

- & *Balantidium*, in pig, in USSR (European), control, & economic loss 1505
- in cat, in USA 3956
- in *Cervus elaphus maral*, in USSR (Azerbaijan), new record (h.) 6031
- in dog, in Italy, local survey, & seasonal variation 1695
- & *Enterobius*, in man, antagonism 5553
- in *Gazella dorcas*, in Tunisia, thiabendazole 4983
- in goat, in India, methyridine 2687
- in man
 - in Bahamas, mebendazole 945
 - bephenium hydroxynaphthoate 398
 - dithiazanine 398
 - iron deficiency anaemia 2535
 - in Korea
 - oxantel pamoate 5879
 - serum proteins 2468
 - levamisole 2125
 - in Liberia, fenbendazole 5368

*Trichuris contd.*in man *contd.*

- mebendazole 2692
- oxantel pamoate 3279
- in Pagini, serum IgE levels 1880
- pathology of liver 5284
- & pig, development & morphology, compared 3534
- in Rumania, diagnosis, & incidence 5964
- thiabendazole 2055
- thiabendazole & morphology of ova 4837
- ultrasound 398
- in USSR
 - bephenium hydroxynaphthoate 3754
 - chemotherapy 6398
- in USSR (Azerbaïdzhan), pyrantel pamoate 4278
- in USSR (European) 6349
 - control programme results 6423
- in USSR (Georgia), levamisole 3816
- in USSR (Moldavia), control, reviewed 892
- in USSR (Tadzhikistan), chemotherapy 3706
- in USSR (Ukraine)
 - control by sanitation 915
 - dithiazanine 6434
 - incidence & distribution 3876
 - local survey 2825

ova

- alcohol 923
- in archaeological material, in Britain 2259
- in faeces, technique for detecting 2132
- ovicides 5907
- in sewage
 - in Iran, survival 851
 - retention in soil 2105
- in soil
 - in USSR (European) 6349
 - development, & survival 3190
 - metam-sodium 5908
 - in USSR (Lithuania), survival 1383
 - in USSR (Ukraine), development & survival 3693

tosylchloramide sodium 923

in *Papio cynocephalus*, in Kenya, egg count & social & reproductive factors 6299

in pig 1689

- blood biochemistry 264
- faecal enzymes 1322
- superinfection & free amino acids 1333
- in USSR, hygromycin B 5864
- in USSR (Belorussia), hygromycin B 4867
- in USSR (European), chemotherapy 5390, 5394, 5873
- in USSR (Far East), incidence 5589

*Trichuris contd.*in pig *contd.*

- in USSR (Ukraine), age variation, & prophylaxis 6055
- in USSR (Uzbekistan), age variation 5009
- in sheep, in USSR (Moldavia), seasonal variation 859
- T. bradleyi*, n.sp., in *Octodon degus*, in Chile 4603
- T. campanula*, in cat, in Australia, morphology, & new record (g.) 1837
- T. chiliensis*, n.sp., in *Akodon longipilis*, in Chile 6191
- T. cyrenaica*, n.sp., in *Vulpes vulpes*, in Libya 5687
- T. gerbillis*, n.sp., in *Gerbillus*, & *Meriones*, in Tunisia 5688
- T. gundii*, n.sp., in *Ctenodactylus gundi*, in Tunisia 5688
- T. leporis*
 - in rabbit
 - glutathione levels 3153
 - sulphydryl groups 4653
- T. muris*
 - & *Babesia*, in mouse, immunodepression 4669
 - in monkey, in Nigeria 5549
 - in mouse
 - chemotherapy 2040
 - expulsion & lactation 240
 - expulsion mechanism 4126
 - genetic control of immune response 2529
 - genetics of resistance 3109
 - scanning electron microscopy 2999
- T. myocastoris*
 - morphology, & synonymy 1829
 - in *Myocastor coypus*, in Poland, chemotherapy, & pathology 1519
- T. nutria*, synonym of *Trichuris myocastoris* 1829
- T. ovis*
 - morphology of digestive system 3333
 - scanning electron microscopy 2998
 - in sheep, age resistance 5736
- T. suis*
 - & bacteria
 - association 2392
 - in pig
 - dysentery 2803
 - interaction 6152
 - free amino acids 1367
 - oogenesis & egg shell formation 2769
 - ova, in soil, ovicides 6435
 - in pig
 - anti-lymphocyte sera & serum proteins 3559
 - anti-lymphocyte serum & immune reaction 1233
 - aspartic & glutamic acids in serum 1926

Trichuris suis *contd.*in pig *contd.*

- in Britain, general account 5588
- clinical signs & histopathology 4132
- clinical signs & weight gain 4132
- erythrocyte sedimentation 1323
- faecal enterokinase & alkaline phosphatase 3627
- glutathione levels 3077
- host intestinal enzymes 1350
- humoral antibodies & re-infection 3586
- levamisole 366
- pathology 5253
- residual nitrogen levels 4721
- serum antibodies 235
- serum antibodies & immunization 3585
- serum protein & immunization 3042
- serum proteins 1254
- technique for preparing, antilymphocyte sera 1220
- vitamin C levels 3140
- scanning electron microscopy 2997
- & *Trichuris trichiura*, taxonomic relationship 3534

T. trichiura

- in man 2218
- in Brazil, case report 557
- in Brazil (South East)
 - local survey 1024
 - mebendazole 3794
- in Costa Rica, mass chemotherapy 2080
- in Korea, oxtel pamoate 2702
- mebendazole 2041, 3709
- oxantel pamoate 405
- pathogenicity 1898
- in Poland, epidemiology 5964
- in USA (South Atlantic), mebendazole 3284

ova

- anthelmintics as ovicides 375
- in archaeological material, in Netherlands 4407
- ovicides 1548
- in soil, in Poland 5964
- in swimming pools, in Poland 5964
- scanning electron microscopy 2997
- & *Trichuris suis*, taxonomic relationship 3534

T. vulpis

- in dog
 - mebendazole 5357, 5859
 - pathology of caecum 761
- scanning electron microscopy 2998-2999

Trichurus, *Pleurocercus puriensis* n.sp. 1203**Trichys lipura**

- Cordicauda magnabursa* n.sp. 3537
- C. malayensis* n.sp. 3537
- C. trichysi* n.sp. 3537

Trichys lipura *contd.*

Heligmonella limbooliati n.sp. 3537

Tricula cristella, *Paragonimus hueitungensis* n.sp. 5665

Trigonoscelis gemmulata, *Hadjelia truncata* 1761

Trilobostrongylus bioccai, in *Martes pennanti*, in Canada, incidence 5016

Tringa glareola

Mesorchis pendulus 2969

Philophthalmus (Philophthalmus) hegeneri 2969

T. totanus, *Plagiorchis pseudofastuosus* n.sp. 2969

Trinidad

Crepidobothrium gerrardi 1156

helminths, in animals 1156

Kiricephalus 1156

Mansonella ozzardi 3379

Unilatus unilatus 1177

Urocleidoides alii n.sp. 1177

U. cichlasomatis n.sp. 1177

U. corydori n.sp. 1177

U. costaricensis 1177

U. curimatae n.sp. 1177

U. dobosi n.sp. 1177

U. kabatai n.sp. 1177

U. margolisi n.sp. 1177

U. trinidadensis n.sp. 1177

Triodopsis albolabris, *Didelphostongylus hayesi* n.g., n.sp. 6202

Trionyx muticus

Vasotrema attenuatum 145

V. brevitestis n.sp. 145

V. robustum 145

T. spiniferus, *Vasotrema brevitestis* n.sp. 145

Tripathia elongata, n.sp., in *Chorinemus lysan*, *Chorinemus sanctipetri*, & *Chorinemus taloo*, in India 3517

Trisopterus luscus, *Stephanostomum pristiis* 3998

Tristabdella grandidieri, n.g., n.comb., for *Philaemon grandidieri* 471

Triturus, helminths 6098

T. cristatus, *Acanthocephalus balkanicus* n.sp. 4601

Troglostongylus, in *Felis (Lynx) canadensis*, in Belgium, zoo, mebendazole 2082

Tropical medicine, (book) 6490

Tropidonotis piscator, *Encyclometra colubrimurorum* 5666

Tropidonotus piscator

Atrophecaecum hindusthanensis 1811

Genarchopsis goppo 2975

Ommatobrephus singulare 1192

Proalarioides lucknowensis n.sp. 2416

P. tropidonotis 5667

Singhiatrema lali 1811

Xenopharynx piscator 157

Tropidophis pardalis, *Ophiotaenia habanensis* n.sp. 5681

- Trout, helminths 5629
- Tryonix chinensis*, *Coeuritrema mica* n.sp. 1190
- Trypanorhyncha*, in *Balaenoptera acutorostrata davidsoni*, in North Pacific 2899
- Trypanorhyncha**
in elasmobranchs
in Mexico, new records (g. & h.) 164
in USA (Pacific), new records (g. & h.) 164
- Trypanosoma cruzi*, & *Schistosoma mansoni*, in man, in Brazil (North East), local survey 536
- T. lewisi*, & *Trichinella spiralis*, in rat, interaction 4560
- Tuberculosis**
& *Opisthorchis*, in man, hexachloroparaxylene 419
& *Schistosoma*, in man, in USA, case reports 2393
- Tubificidae**
Khawia 1164
K. sinensis 116
Taenia saginata 1426
- Tunisia**
Ctenodactylina tunetae n.g., n.sp. 5688
Cysticercus fasciolaris 5020
Fasciola hepatica 5957
helminths
in *Camelus dromedarius* 1717
in *Ctenodactylus gundi* 5607
in *Rattus norvegicus* 2895
hydatid 5532
Mastophorus muris 2895
Multiceps multiceps 5608
nematodes
in ruminants 5688
in sheep 3925
parasites, in man 3352
trichostrongylids 4983
Trichuris 4983
T. gerbillis n.sp. 5688
T. gundii n.sp. 5688
- Tupaia**
Anoplostrongylus (Tupaiostrongylus) liei 699
digeneans 4488
Hepatojarakus malayae 699
Nycteridostrongylus (Petiellus) petersi 699
- T. glis**
Achillurbainia 4959
Angiostrongylus 4386
Anoplostrongylus (Tupaiostrongylus) liei 188
Hepatojarakus malayae 188
Nycteridostrongylus (Petiellus) petersi n.subg., n.sp. 188
Spirura aurangabadensis 5180
S. malayensis n.sp. 5180
Trichospirura willmottae n.sp. 5163
- Tupaia glis** contd.
Uncinaria olseni n.sp. 5162
- T. minor**
Anoplostrongylus (Tupaiostrongylus) liei 188
Spirura malayensis n.sp. 5180
- T. tana**, *Anoplostrongylus (Tupaiostrongylus) liei* 188
- Tupaiostrongylus liei*, to *Anoplostrongylus (Tupaiostrongylus) liei*, n.comb. 188
- Tupinambis nigropunctatus*, *Oswaldofilaria petersi* n.sp. 176
- Turbatrix aceti**
ageing 800, 1361
ageing & enolase activity 5308
ageing & triosephosphate isomerase activity 5293
glucose-6-phosphatase activity & ionic strength 2588
glucose-6-phosphatase activity & temperature acclimation 2588
3-phosphoglycerate kinase aggregation 5292
synchronized ageing 2130
technique for culturing 2130
- Turbot**, *Bothriocephalus scorpii* 1603
- Turdus migratorius**, helminths 4510
- T. unicolor**, *Cardiofilaria pavlovskyi* 72
- Turgecaecum longifauces*, n.g., n.sp., in *Micropterus notius*, in USA (South Atlantic) 2421
- Turkey**
Deladenus rudyi n.sp. 178
Dicrocoelium dendriticum 377
Fasciola hepatica 4400
helminths
in *Salmo trutta* 3454
in sheep 4989
Ligula intestinalis 5631
- Turkeys**
helminths 6413
Heterakis 789
H. gallinae 788
mebendazole 875
parasites 3985
- Tursiops truncatus**
Nasitrema attenuata 3979
Nasitremitidae 5615
- Turtle**, nematodes 5626
trematodes 145
- Tylocephalum**
in *Crassostrea gigas*, in China, new record (g.) 3476
metacestodes
in *Crassostrea commercialis*, in Australia, new record (g.) 4023
in *Crassostrea echinata*, in Australia, new record (g.) 4023
- Tylodelphis lucknowensis*, n.sp., in *Sarkidiornis melanotes*, in India 2417
- Tylonycteris pachypus*, *Molinostrongylus colleyi* n.sp. 702

Subject Index

Tylosycteris contd.

T. robustula, *Molinostrongylus colleyi* n.sp.
702

Tylopods, cestodes 5047

Tylosurus leiurus, *Axinoides tylosuri* 3517

Typhlocoelum cucumerinum

in *Biomphalaria*, experimental 5481

in duck, in Brazil, life-history 5481

Typhoid

& helminths, in man, clinical pattern
134

& *Opisthorchis*

effect of passage through worm on
typhoid bacteria 1170

in man

intestinal microflora 1172

pathology 1173

penetration & multiplication of

bacteria in worm 1169

in USSR (Siberia), post-mortem data
1168

& *Schistosoma mansoni*, in man, in
Brazil, interaction 5660

& *Trichinella*, in man, in Chile,
heterophilic antibodies 1275

Tyto alba affinis, *Neodiplostomum*

spathoides prudhoei n.subsp. 4043

Udonella caligorum

on copepods 3016

morphology, & phylogeny 1178

Uganda

Dirofilaria repens 1697

Fasciola 4133

F. gigantica 912

helminths, in dog 1697

nematodes, in cattle 912

Parasymphylodora manteri n.sp. 6171

Parvitaenia macrocoleo n.sp. 3338

Schistosoma mansoni 3767, 4435

Spirocerca lupi 4481

Ultrastructure (see also Histology)

Acanthobothrium filicollis 2770

Acuariidae 177

Allopodocotyle lepomis, larvae 154

Ancylostoma tubaeforme 2447

larvae 3543

Angiostrongylus cantonensis 5204

Anomotaenia constricta, metacestodes
5144

Ascaris lumbricoides 6471

ova 3013

A. suum 172, 4614, 6469

ova 3013, 6195

Bothriocephalus scorpii 4053, 5148

Brugia malayi 2448-2449

B. pahangi 2449

Caenorhabditis elegans 206-207, 4900

Calicotyle kröyeri 1181.

5118

Caryophyllaeus laticeps 2775

Catenotaenia pusilla 5154

cestodes 2983

Ultrastructure contd.

Cotylogaster occidentalis 4039

Cryptocotyle lingua 6177

cercariae 690

Cysticercus bovis 3530

Diclidophora merlangi 2768, 4348

Dictyocaulus filaria 1838

Diphyllbothrium dendriticum 160

D. ditremum 160

Diplozoen paradoxum 1181

Echinorhynchus gadi 4742

Erpobdella octoculata 2158

Euzetrema knoeffleri, oncomiracidia
138

Fasciola hepatica 2145, 2399, 2422, 4586
parthenitae 3523

Glaridacris catostomi 4352

Gongylonema pulchrum 4618

Gorgoderina attenuata 2413

Gyrodactylus eucaliae 4036

Haemonchus contortus 1578

helminths 208, 716, 3545

Hirudinea 3325

Hirudo medicinalis 985, 2158

hydatid 2430

Hymenolepis diminuta 4054, 5154

cysticercoids 163

H. microstoma 1821, 4599

metacestodes 6187

Inermicapsifer madagascariensis 5154

Liorchis scotiae 2978

Meiogymnophallus minutus 2589

Metagonimus 693

M. takahashii 3529

M. yokogawai 3529

Metastrongylus apri 3318

Microrophallus similis 2589

Moniezia expansa, cysticercoids 4591

Monoecocestus americanus 5139

Necator americanus 2447

larvae 3543

nematodes 1208, 5176, 6197

Nippostrongylus brasiliensis 4197

Notocotylus urbanensis 5119

Onchobothrium uncinatum 2770

Onchocerca volvulus, microfilariae 3891

Paragonimus kellicotti 4186

P. ohirai

cercariae 692

miracidia 686

Paragordius varius 1841

Paramphistomum ichikawai 2978

Pharyngostomoides procyonis 5486

Philophthalmus rhionica, parthenitae

3523

Phocanema decipiens 1831, 5290

Quinqueserialis quinqueserialis 5119

Schistosoma japonicum 158

S. mansoni 1801-1802, 1813, 6473

cercariae 691, 6169

miracidia 1798

schistosomula 6169

Ultrastructure contd.

- Schistosomatum douthitti* 6165
Shipleya inermis, embryophore 2979
Spelotrema nicolli, metacercariae 2968
Sphaerularia bombi 5177
Syngamus skrjabinomorpha 3539
Taenia hydatigena 2980
T. taeniaeformis 6182
Thelazia callipaeda 714
Toxocara canis, ova 2451, 3013
T. mystax, ova 3013
Trichinella spiralis 4059, 4200
Trichuris suis 2769
- Uncibilocularis trygonis**
 in *Carcharhinus leucas*, in USA (West South Central), new record (h.) 4523
 in *Dasyatis sabina*, in USA (West South Central), new record (h.) 4523
- Uncinaria** (see also Hookworm)
 in dog
 chloroquine phosphate 1469
 in USSR, bephenium hydroxynaphthoate 1503
U. lucasi, in seal, life-history 2765
U. (Megadeirides) olseni, n.sp., in *Tupaia glis*, in Sabah 5162
U. olseni, n.sp., in *Tupaia glis*, in Sabah 5162
U. stenocephala, in dog, in Italy, local survey 1696
- Uncinariinae**, evolution & systematics 5162
- Unicoelium prochilodorum**, n.g., n.sp., in *Prochilodus reticulatus*, in Colombia 1198
- Unilatus unilatus**, in *Hypostomus robinii*, in Trinidad, new record (g. & h.) 1177
- Unio pictorum**, *Rhipidocotyle illense* 3670
- Unionidae**
 helminths 3480
 Hirudinea 3480
- United Arab Republic** (see Egypt)
- Upeneus sulphureus**
 Paropecoelus 5674
 P. indicus n.sp. 5674
- Upper Volta**
 filiariids 3384
 helminths, in man 525
 Onchocerca 4863
 O. volvulus 782, 3384
 Schistosoma haematobium 2722
- Urocleidoides alii**, n.sp., in *Cichlasoma bimaculatum*, in Trinidad 1177
- U. chavarriai**, n.comb., for *Cleidodiscus chavarriai* 1177
- U. cichlasomatis**, n.sp., in *Cichlasoma bimaculatum*, in Trinidad 1177
- U. corydori**, n.sp., in *Corydoras aeneus*, in Trinidad 1177
- U. costaricensis**
 in *Astyanax bimaculatus*, in Trinidad, new record (g. & h.) 1177

Urocleidoides costaricensis contd.

- in *Curimata argentea*, in Trinidad, new record (g. & h.) 1177
- U. curimatae**, n.sp., in *Curimata argentea*, in Trinidad 1177
- U. dobosi**, n.sp., in *Cichlasoma bimaculatum*, in Trinidad 1177
- U. kabatai**, n.sp., in *Astyanax bimaculatus*, in Trinidad 1177
- U. margolisi**, n.sp., in *Corydoras aeneus*, in Trinidad 1177
- U. travassosi**, n.comb., for *Cleidodiscus travassosi* 1177
- U. trinidadensis**, n.sp., in *Astyanax bimaculatus*, & *Curimata argentea*, in Trinidad 1177
- Urocleidus acuminatus**, in *Lepomis macrochirus*, in USA (South Atlantic), new record (h.) 1793
- U. angularis**
 in *Fundulus diaphanus*, in Canada 3992
 in *Fundulus heteroclitus*, in Canada, new record (h.) 1738
- U. nactus**, n.sp., in *Morone americana*, in USA (South Atlantic) 4568
- U. rogersi**
 in *Morone americana*, in USA, morphology 4568
 in *Morone chrysops*, in USA, morphology 4568
- U. variabilis**, in *Lepomis macrochirus*, in USA (South Atlantic), new record (h.) 1793
- Urocotyle pristipoma**, in *Belone choram*, in India, new record (h.) 3517
- Urolophus halleri**
Eutetrarhynchus schmidtii n.sp. 164
Mecistobothrium myliobati n.g., n.sp. 164
Prochristianella minima n.sp. 164
- Uromastix hardwickii**, *Ommatobrephus singulare* 1192
- Uropeltis melanogaster**
Aplectana uropeltidarum n.sp. 700
Oswaldocruzia gansi n.sp. 700
- U. phillipsi**, *Aplectana uropeltidarum* n.sp. 700
- Uroproctepisthium taiwanense**, n.g., n.sp., in *Bulbulcus ibis coromandus*, in Taiwan 4575
- Ursus americanus**
Baylisascaris transfuga 613
Dirofilaria immitis 2304
D. ursi 613
Multiceps serialis 613
 taeniids 613
- Uruguay**
Glypthelmins simulans 5130
 hydatid 21, 2847
Margeana linguatula 5130
M. proximus 5130
M. sanmartini n.sp. 5130

Uruguay contd.

Plagiorchis lenti 5130*Telorchis achavali* n.sp. 5129

USA

Acanthocheilonema perstans 1272*Acrostichus gubernatus* n.sp. 2184*Aelurostrongylus abstrusus* 5015*Alaeuris brachylophi* 6097*Allantonema orthotomici* n.sp. 2181*A. paramorosum* n.sp. 2181*Anguillonema annamari* n.sp. 2188*A. leperisini* n.sp. 2188

anisakids 6131

Aphelenchoides conophthori n.sp. 2188*A. hylurgi* n.sp. 2188*A. pityokteini* n.sp. 2189*A. polygraphi* n.sp. 2189

ascarids 6089

Berntsenus labiosus n.sp. 2180*Bothridium* 791*Brugia malayi* 1626*Bursaphelenchus bestiolus* n.sp. 2189*B. newmexicanus* n.sp. 2189*B. pityogeni* n.sp. 2189*B. scolyti* n.sp. 2189*B. tritrunculus* n.sp. 2189*Capillaria aerophila* 3241-3242*C. tridens* 4511*Cephaloboides rotundus* n.sp. 2183

cestodes, in Chiroptera 5683

Contortylenchus bullus n.sp. 2182*C. cribicollis* n.sp. 2182*C. orthotomici* n.sp. 2182*C. pityophthori* n.sp. 2182*C. terebrans* n.sp. 2183*Cryptaphelenchus cirrus* n.sp. 2190*C. ipinius* n.sp. 2190*Cyclocoelum brasilianum* 4898*Cysticercus* 1624*C. bovis* 5577*Deladenus ipini* n.sp. 2187*D. paradurus* n.sp. 2187*Diplogasteroides bibrochus* n.sp. 2191*D. dimidiatus* n.sp. 2191*D. ipini* n.sp. 2191*Dirhabdilaemus nacogdochensis* n.sp. 2191*Dirofilaria immitis* 2216, 2226, 3958, 3980, 6062, 6411*Dirofilariaformia pulmonis* n.sp. 1833*Dotyaphus lonchites* n.sp. 2188*Ektaphelenchus josephi* n.sp. 2190*E. smaelus* n.sp. 2190*E. terebrans* n.sp. 2190*Eugenuris utahensis* n.sp. 4062*Filaroides milksi* 770

gastro-intestinal nematodes, in horse 5847

helminths

in cat 3953

in dog 3957

in *Fulica americana* 6088

USA contd.

helminths contd.

in horse 5377

in man 2253, 2860, 3808

in *Meleagris gallopavo silvestris* 6094in *Mesocricetus auratus* 5041in *Ochotona princeps* 4062

in wild animals 5658

hydatid 5539

Hymenolepis christensoni 5683*H. gertschi* 5683*H. roudabushi* 5683*Laimaphelenchus phloeosini* n.sp. 2190*Loa loa* 1010, 2153*Luella luculenta* n.g., n.sp. 2179*Mesorhabditis longistomis* n.sp. 2183microfilariae, in *Bonasa umbellus* 5051*Mikoletzkyia calligraphi* n.sp. 2184*M. langcauda* n.sp. 2185

nematodes

in bark beetles 2179

in *Chologaster cornuta* 5972*Neodiplogaster magulum* n.sp. 2185*Neoditylenchus corniculatus* n.sp. 2186*N. dendroctoni* n.sp. 2186*N. glandarius* n.sp. 2186*N. ovarius* n.sp. 2187*Nothotylenchus compactus* n.sp. 2187*N. parasimilis* n.sp. 2187*N. petilus* n.sp. 2188*Odhneria* 4344*Oesophagostomum* 3615, 5161*Panagrellus leperisini* n.sp. 2186*Panagrobelus phloeosini* n.sp. 2186*Panagrolaimus conophthori* n.sp. 2185*P. leperisini* n.sp. 2185*Paragonimus kellicotti* 1070*Parasitaphelenchus beccus* n.sp. 2183*P. procerus* n.sp. 2183*Parasitorhabditis cluniculus* n.sp. 2183*P. gracilis* n.sp. 2184*P. hastulus* n.sp. 2184*P. hylurgi* n.sp. 2184*P. ipini* n.sp. 2184*P. terebrans* n.sp. 2184*Parasitylenchus coronatus* n.sp. 2181*P. ipinius* n.sp. 2181*P. leperisini* n.sp. 2181*P. oriundus* n.sp. 2181*P. parasitus* n.sp. 2182*P. senicus* n.sp. 2182*P. undulatus* n.sp. 2182*Pilum pilum* n.g., n.sp. 5159

Piscicolidae 4907

Plectonchus molgos n.sp. 2185*Polymorphus minutus* 6088

proteocephalids 5972

Rhabdontolaimus adepagus n.sp. 2185*R. frontalis* n.sp. 2185*Rhipidocotyle lintoni* 5680*R. transversale* 5680*Robleus cylindricus* n.g., n.sp. 2180

USA contd.

- Schistosoma* 2393
S. haematobium 5767
S. mansoni 5767
Seinura arizonensis n.sp. 2191
S. attenuata n.sp. 2191
Strongyloides stercoralis 550, 2229
Sychnotylenchus mutici n.sp. 2187
Teragramia willi n.g., n.sp. 2180
Teratocephalus angustus n.sp. 2186
Toxocara canis 4782
Trichinella 3354, 6500–6501
T. spiralis 2850, 3508, 4417
Trichuris 3956
Urocleidus rogersi 4568
 visceral larva migrans 2516

USA (East North Central)

- Acanthocephalus*, n.sp., [not named] 170
A. parksidei 1823
A. parksidei n.sp. 1822
Amphimerus pseudofelineus 604
Ancylostoma caninum 310
Ascaris columnaris 322
Camallanus oxycephalus 1424
Cercariaeum type I 4044
Cercariaeum type II 4044
Cercariaeum type III 4044
Collyriclum faba 1088
Crassiphiala bulboglossa 640
Dipetalonema reconditum 5598
Dirofilaria immitis 5030–5031, 5598
D. ursi 613
 gastro-intestinal nematodes
 in cattle 1936, 4456
 in sheep 2074, 2704
Haemonchus contortus 4775
 helminths
 in birds 5322
 in cat 5596
 in cattle 2297
 in dog 5603
 in *Ictalurus punctatus* 3990
 in *Ondrata zibethica* 3974

Hirudinea 3990

- Hymenolepis lasionycteridis* n.sp. 5683
Mesocostoides lineatus 606
Micronema deletrix 2865
Paragonimus kellicotti 414
 parasites, in man 3402
Philometra cylindracea 1827
Trichostrongylus colubriformis 4775

USA (East South Central)

- Anonchhaptor muelleri* 3991
Ascaris lumbricoides 4415
Bothriocephalus rarus 6099
Capillaria tenua 6099
Catenotaenia 5038
Cercaria stephanocauda 5480
Dirofilaria immitis 1080
Gyrodactylus dorosomae n.sp. 141
G. lythruri n.sp. 141
G. nigrum n.sp. 141

USA (East South Central) contd.

Gyrodactylus contd.

- G. parvicirrus* n.sp. 141
 helminths, in *Lepomis* 6106
 Hirudinea 4906
Illinobdella moorei 4906
Lecithochirium microstomum 5091
Malmiana philotherma n.sp. 4907
 nematodes, in *Odocoileus virginianus* 1669
Paragonimus kellicotti 3435
Taenia taeniaeformis 5038
Thelazia 34
T. gulosa 4463
T. lacrymalis 4452
T. skrjabini 4463

USA (Mountain)

- Cittotaenia* 608
Cladotaenia globifera 615
Crepidostomum farionis 319
Cysticercus 2289
C. tenuicollis 767
Dictyocaulus viviparus 1037
Elaeophora schneideri 6049
 gastro-intestinal nematodes, in sheep 6352
Glaridacris vogeii n.sp. 5149
Haematoloechus coloradensis 3310
 heartworm 2891
 helminths

- in animals 5324
 in *Falco mexicanus* 615
 hydatid 4969

- Multiceps* 608
Neodiplostomum spathula 615
Plagioporus shawi 2760
Protostrongylus 5808
Rhabdochona 319
Trichinella spiralis 2892

USA (North Atlantic)

- Anisakis* 546
Capillaria contorta 3444
C. hepatica 58
Cercaria lebouri 1139
Dipetalonema reconditum 1067
Dirofilaria immitis 1067, 2311
Filaroides hirthi n.sp. 1834
 helminths
 in *Balanus balanoides* 6116
 in *Balanus eburneus* 6116
 in cattle 2298, 3931
Janiszweskella fortobothria n.g., n.sp. 4596
Microphallus pygmaeus 1139
 nematodes
 in cat 2641
 in dog 2641
Odhneria 6467
 parasites, in man 2252, 4414
Parelaphostrongylus tenuis 4464
Rhipidocotyle lintoni 4343
R. transversale 4343

USA (North Atlantic) *contd.*

- Rictularia* 533
Rowardleus pennensis n.g., n.sp. 4596
Strongyloides stercoralis 7
Toxocara 2641
Trichinella spiralis 3397

USA (Pacific)

- Anatruchosoma* 2223
 anisakids 6114
Ascarophis 4014–4015
Branchellion lobata 3842
Bucephalopsis labiatus 104
Dirofilaria immitis 2653
Eudiplogaster aphodii 4896
Eutetrarhynchus macrotrachelus n.sp. 164
E. schmidtii n.sp. 164
Haplometrana intestinalis 1759
 helminths
 in cattle 2293
 in freshwater fish 2344
 in *Rhinichthys osculus* 5072
 in *Uta stansburiana* 78
 in *Zalophus californianus* 274
 hydatis 3193
Hymenolepis lasionycteridis n.sp. 5683
Illinobdella moorei 2344
Lepocreadium 651
Mecistobothrium myliobati n.g., n.sp. 164
Neobenedeniagirellae 146
Neoparasitylenchus amvlocercus n.sp. 5693
Nybelinia anthicosum n.sp. 164
Palaeorchis problematicus 4047
Phocanema 516, 3900
Phyllodistomum scrippsi n.sp. 146
Prochristianella fragilis n.sp. 164
P. minima n.sp. 164
Sphyricephalus pelorosoma n.sp. 164
Splendidofilaria californiensis 2356
Thelazia californiensis 537
Trichinella spiralis 896, 4425
Trypanorhyncha 164
Wyominia tetoni 1665
- USA (South Atlantic)
- Acolpenteron ureterocetes* 1793
Amphimerus ovalis 1104
Anatruchosoma buccalis 1719
Anchoradiscus anchoradiscus 1793
Anisakis typica 2320
Apocreadium cryptum n.sp. 5676
Ascaris columnaris 2316
A. suum 1060
Biacetabulum meridianum 2343, 6105
Brachycoelium elongatum 2335
B. obesum 2335
Cadenatella floridae n.sp. 5676
Campula palliata 2320
Chromonema heliothidis n.g., n.sp. 6199
Claribulla longula n.g., n.sp. 5676
Clavunculus bifurcatus 1793

USA (South Atlantic) *contd.*

- Cleidodiscus ektyphus* n.sp. 1793
Crepidostomum cornutum 107
Cyclophyllidea 1104
Deladenus proximus n.sp. 178
Didelphostrongylus hayesi n.g., n.sp. 6202
 digeneans, in marine fish 5676
Diphtherostomum albulae n.sp. 5677
Dirofilaria immitis 2304, 2942, 3960, 4956, 5637
Epithelionematobothrium fragile n.sp. 3016
Eropobdella punctata coastalis n. subsp. 5934
 gastro-intestinal nematodes, in cattle 2051
Haemopsis septagon n.sp. 5934
Hamacreadium confusum n.sp. 5676
 helminths
 in *Didelphis marsupialis* 2322
 in *Eudocimus albus* 3981
 in fish 107
 in *Grus canadensis pratensis* 68
 in *Meleagris gallopavo* 1726
 in *Mugil cephalus* 3016
 in primates 4426
 in *Synodus foetens* 4598
Hurleytrema pyriforme n.sp. 5677
Hymenocotta manteri n.sp. 5676
Isoglaridacris, n.sp., [not named or described] 107
I. agminis 2343
Lasiotocus albulae n.sp. 5677
L. haemuli n.sp. 5677
L. mugilis n.sp. 5677
Lyperosomum byrdi n.sp. 148
Malmiana philotherma n.sp. 4907
 mermithids 3479
Micropolyclithrum parvum n.g., n.sp. 3016
Monobothrium ulmeri 2343, 6105
 monogeneans 1793
Monopetalonema alcedinis 6086
Mooreobdella melanostoma n.sp. 5934
M. tetragon n.sp. 5934
Myzobdella lugubris 983
Neascus rhinichthysi 6115
Neolepidapedon macrum n.sp. 5676
Nicolla halichoeri n.sp. 5677
Opegaster pritchardae n.sp. 5676
Parachristianella heteromegacanthus n.sp. 5143
P. monomegacantha 4592
Paramacroderoides echinus 2410
P. pseudoechinus n.sp. 2410
 parasites, in *Penaeus brasiliensis* 5143
Penarchigetes 2343, 6105
Philophthalmus hegneri 4045
Pholeter gastrophilus 2320
Placobdella nuchalis n.sp. 5934
P. translucens n.sp. 5934

USA (South Atlantic) *contd.*

- Renibulbus penaeus* n.g., n.sp. 5143
Rhinopterocola megacantha n.g., n.sp. 4593
Schikhalotrema magnum n.sp. 3016
Spirorchis elegans 1104
Stephanochasmus 5091
Stephanurus dentatus 1060
Synthesium tursionis 2320
Telorchis robustus 1104
Tetrameres strigiphila n.sp. 2443
Trichuris trichiura 3284
Turgecaecum longifauces n.g., n.sp. 2421
Urocleidus acuminatus 1793
U. nactus n.sp. 4568
U. variabilis 1793

USA (West North Central)

- Allassostomoides chelydrae* 2402
 alveolar hydatid 4494
Baylisascaris transfuga 613
Cephalogonimus brevicirrus 4040
Deladenus nevexii n.sp. 178
Dirofilaria immitis 51, 6122
Echinostoma revolutum 1159
Hapalorhynchus foliorchis n.sp. 145
 helminths
 in amphibians 6101
 in cattle 1058
 in mammals 1159
Macrobodela diplotertia 2161
Multiceps serialis 613
Piscicolaria reducta 6476
Posthodiplostomum minimum 4529
Proteocephalus buplanensis n.sp. 4055
 taeniids 613
 trematodes, in turtles 145
Vasotrema brevitestis n.sp. 145

USA (West South Central)

- Acanthatrium nycteridis* 3971
Acanthocephalus tahlequahensis n.sp. 6190
Allassogonoporus marginalis 3971
Alloglossidium renale n.sp. 1185
Ancylostoma 599
Ascaris lumbricoides 4406
Capillaria procyonis n.sp. 2442
Cercaria anadarae n.sp. 4588
 cestodes, in elasmobranchs 4523
Conspicuum icteridorum 3971
 control, gastro-intestinal nematodes, in cattle 5766
Dirofilaria immitis 611, 6061
D. scapiceps 4503
Eustrongylides wenrichi 82
Fascioloides magna 6053, 6332
 helminths
 in freshwater fish 2340, 5068
 in *Sus scrofa domestica* 43
Heteraxinoides xanthophilus 3996
Heterobilharzia americana 6068
 Hirudinea 6477
Macroalvitrematoides micropogoni 3997

USA (West South Central) *contd.*

- mermithid, n.g., [not named] 1124
 mermithids 2932
 nematodes
 in *Ips* 5643
 in turtle 5626
Oxyspirura (Oxyspirura) petrowi 1728
Parabrachylaima euglandensis n.g., n.sp. 2411
Pillersium owenium 4523
Placobdella 5487
Posthodiplostomum minimum centrarchi 4893
Romanomermis culicivox n.sp. 6203
Seuratum cancellatum 4617
Sparganum 1789
Spirocamallanus pereirai 1115
Torquatooides crotophaga 4067

USSR

- Allocreadium* 3522
Ancylostoma duodenale 4829
Anomotaenia arionis 115
Aploparaksis 622
Ascaridia 1432, 4258, 6367
Ascaris 559, 5828, 5864, 5894
A. suum 1171, 5793
Avitellina 1683
A. centripunctata 1055
Azygia lucii 689
A. robusta 689
Calicophoron calicophorum 5087
Capitomerms breviovariae n.sp. 487
C. brevis n.sp. 487
C. delicata n.sp. 487
C. variaderma n.sp. 487
Capreocaulis capreoli 1917
 cestodes
 in dog 3961
 in sheep 1435
Cotylozetes cubanicus 5625
Cotylozetes raabei 1096
Cotylurus hebraicus 1096
Cyathocotyle skrjabini 1096
Cysticercus 2637
C. tenuicollis 1917
Dactylogyrus extensus 2345
Dicrocoelium 933, 1436, 3248
Dictyocaulus 869, 3247, 4801
D. viviparus 6368
Digramma 863
D. interrupta 675
Diphyllbothrium 4964
D. dendriticum 778
D. latum 697
Dirofilaria 4447
Drepanidotaenia 1436
Echinococcus granulosus 6441
Echinostoma 1436
Enterobius 1027, 2812, 3216, 3756
Fasciola 941, 1327, 1436, 1511, 3248, 4416
F. hepatica 3210, 5906

USSR contd.

- gastro-intestinal nematodes, in pig 4868
- Gastrothylax crumenifer* 3268, 5087
- helminth ova
 - in manure 5832
 - in sewage 850
- helminthology 6496
- helminths
 - in *Agama* 2553
 - in animals 1585
 - in carp 3469
 - in cattle 4269, 5573, 5884, 5896, 6403
 - in domestic animals 763, 868, 888, 1509, 3333, 4317, 5380, 5895, 6401
 - in *Emys* 626
 - in freshwater fish 2117, 2916, 6489
 - in Hirudinea 643
 - in horse 254
 - in *Lacerta agilis* 626
 - in man 2091, 5562, 5965, 6433
 - in *Microtus* 1713
 - in *Natrix* 626
 - in *Ondatra* 1194
 - in pig 4269, 6059–6060
 - in reptiles 2331
 - in vertebrates 5507
- Heterakis* 1432, 4258, 6367
- Heterotylenchus pawlowskyi* 1132
- Hirudinea 6489
- hookworm 2782
- hydatis 1332, 1605, 1656, 2637, 3248, 3380, 3396
- Hydromermis acutipenis* n.sp. 486
- H. angusticauda* n.sp. 487
- Hymenolepis* 4817
- H. nana* 1027
- Ligula intestinalis* 826
- Liorchis scotiae* 3268, 5087
- Lyperosomum alagesi* 2403
- Mecistocirrus* 373
- mermithids 654
- molluscs 1468
- Moniezia* 4021
- M. expansa* 6280
- monogeneans 2345
- Muellerius capillaris* 6432
- Multiceps multiceps* 6441
- Necator americanus* 4829
- nematodes, in sheep 2101
- Nematodirus* 1497, 2877
- Neoaplectana* 654, 2371
- Oesophagostomum* 5864
- Opisthorchis* 268, 3079, 3782
- Parafasciolopsis fasciolaemorpha* 1917
- Paramphistomum ichikawai* 5087
- Parapharyngodon szczerbaki* n.sp. 4069
- parasites
 - in carp 6354
 - in domestic animals 3504
 - in freshwater fish 86, 2918
 - in man 3195, 4359
- parasitology 1594, 6484

USSR contd.

- Plagiorchis eutamiatis tschelabinski* n.subsp. 1194
- P. laticola* 684
- P. maculosus* 2403
- Posthodiplostomum cuticula* 3203
- protostrongylids 1128, 6375
- Protostrongylus kochi* 2366
- Psilotrema spiculigerum* 1096
- Skrjabinagia lyrata* 1673
- strongylids 4860
- Strongyloides* 2877, 3253
- Taenia hydatigena* 6441
- T. saginata* 1513, 3356, 6414
- Thelandros markovi* n.sp. 4069
- trematodes, in Corvidae 2403
- Trichinella* 2637
- T. spiralis* 4778
- Trichuris* 3754, 5864, 6398
- Uncinaria* 1503
- USSR (Aral Sea)
 - Apatemon fuligulae* 2930
 - helminths
 - in fish 2930
 - in fish-eating birds 5980
 - in *Ophicephalus argus* 2924
 - Hirudinea 2924, 2930
 - parasites, in fish 5980, 6110
 - trematodes
 - in fish 314
 - in molluscs 5980
- USSR (Arctic) 4218
 - Cercaria appendiculata* 4218
 - C. octocauda* 4218
 - helminthology 4909
 - helminths
 - in *Pusa hispida* 2900
 - in sheep 1688
 - Mesocostoides lineatus* 1073
 - Neoaplectana semiothisae* n.sp. 5185
 - Toxascaris leonina* 1073
 - trematodes
 - in *Littorina obtusata* 3209
 - in *Littorina saxatilis* 3209
 - Trichinella* 1073, 2955
- USSR (Armenia)
 - helminths
 - in trout 5629
 - in *Varicorhinus* 5629
 - parasites, in man 3274
- USSR (Azerbaijān)
 - ascarids 4238
 - Ascaris* 3196–3197, 3686
 - Bothriocephalus gowkongensis* 1742
 - Brachylaemus suis* 44
 - Centrorhynchus olssoni* 1091
 - Dicrocoelium dendriticum* 3684
 - Dictyocaulus* 6032
 - filariids 5083
 - Gongylonema pulchrum* 6032
 - Gyrodactylus capoeti* n.sp. 6158
 - G. mikailovi* n.sp. 6158

USSR (Azerbaïdzhan) *contd.**Gyrodactylus contd.**G. varicorhini* n.sp. 6158

helminth ova

on fruit 5338

on vegetables 5338

helminthology 5952

helminths

in birds 1098, 2906

in *Camelus bactrianus* 4453

in cattle 305

in Falconiformes 1091

in fish 89

in fur-bearing animals 1965

in Galliformes 3987, 4512

in man 3685, 4278, 5338

in sheep 305

in terrestrial molluscs 114

in wild pig 1063

hydatid 6033

medical helminthology 3850, 5952

Moniezia 343*M. expansa* 6031

nematode larvae, on pasture 5795

Oesophagostomum venulosum 6031

protostrongylids 311

Strongyloides 3135*Taenia hydatigena* 6031-6032*T. saginata* 3189, 3267

trematodes, in molluscs 3489

Trichostrongylus capricola 6031*Trichuris* 6031

USSR (Azov Sea)

cestodes, in Laridae 1092

helminths, in fish 1751

USSR (Belorussia)

Ascarops strongylina 1692*Bothriocephalus gowkongensis* 2342*Dictyocaulus* 2284*Fasciola* 39

helminths

in amphibians 81

in aquatic molluscs 4543

in cattle 2285, 5571

in crustaceans 4542

in dog 603

in freshwater fish 99

in mammals 4026

in Muridae 1417

hydatid 4557

Hyostrongylus rubidus 1692

intestinal helminths, in sheep 2871

nematodes, in pig 320, 4819, 4867

Nematodirus 4461-4462*Opisthorchis* 4556*Parafasciolopsis fasciolaemorpha* 1902

paramphistomatids 3817

paramphistomes 39, 445, 4871

Physocephalus sexalatus 1692

strongyles 4461

trematodes, in planorbids 3492

USSR (Central Asia), helminths, in *Agama* 2332

USSR (Estonia)

Ascaridia 1090*Diphyllbothrium latum* 1428

helminths

in carp 1116

in man 1537

Heterakis 1090

Hirudinea 1116

USSR (European)

Ancylostoma 568*Aplectana ivanitzkyi* n.sp. 5178*Ascaridia* 649, 1089, 1412, 1488, 5846,

6092, 6351

Ascaris 1412, 1505, 5390, 5427, 5530,

5807, 5869, 5871, 5886, 5902, 5908,

6278, 6349, 6360, 6392, 6423

A. lumbricoides 6318*A. suum* 5350*Avioserpens* 5053*A. mosgovoyi* 1425*Bathymermis brevicauda* n.sp. 489*Bothriocephalus gowkongensis* 3266*Brachylaemus fuscatus* 2969*Bunodera luciopercae* 2912*Cephalobellus scarabaeidi* 4006*Cercaria carelica* I n.sp. 4576

cestodes, in dog 6386

Cysticercus 2952*C. bovis* 5335, 5858, 6325*Dicrocoelium* 1924, 2110*D. dendriticum* 111, 2386*Dictyocaulus* 378, 5381, 5395, 5445, 5913*Digramma interrupta* 6397*Diplodiscus subclavatus* 123*Diplostomum* 2348*D. commutatum* 3471*D. pseudomerzi* n.sp. 2969*D. pusillum* 2969*D. spathaceum* 5452*Dirofilaria repens* 1649, 2211*Fasciola* 374, 582, 2110, 4281, 5457*F. hepatica* 123, 2103, 3188, 3814

filarids 568

Gastromermis hibernalis n.sp. 491*G. pararosea* n.sp. 491*G. thienemannielli* n.sp. 491*G. unica* n.sp. 491*Gyrodactylus* 3291*Haplometra brevicacca* 149

helminth ova

in refuse 3749

in sewage 3282

helminthology 2779

helminths 5982

in acipenserids 635

in Anatidae 1096

in aquatic birds 5052

in birds 1724

in carp 2347, 3288

USSR (European) *contd.*helminths *contd.*

- in cattle 5584, 5659
- in *Coregonus albula* 4531
- in *Coregonus peled* 3288
- in *Corvus frugilegus* 1379
- in domestic animals 5852
- in *Eremias arguta* 2333
- in *Falco tinnunculus* 3447
- in *Falco vespertinus* 3447
- in fish 1118, 2919, 3748
- in fowl 6093
- in freshwater fish 318, 637–638, 2929, 3463, 3830, 4524, 5071
- in *Lacerta agilis* 2333
- in man 3329, 3398, 3758, 5852, 5854, 5891–5892, 6016, 6024, 6026, 6328, 6412, 6420, 6439
- in *Numida* 620
- in *Nyctereutes procyonoides* 5032
- in oligochaetes 2362, 3830
- in *Ondatra zibethica* 2314
- in pig 5659, 6051
- in predatory birds 2905
- in reptiles 5178
- in *Rutilus rutilus* 4531
- in sheep 3921, 5408
- in *Vanellus vanellus* 3445
- Heterakis* 649, 1089, 1412, 1488, 5846, 6092, 6351
- Hexameris brevis* 703
- Hexameta dagestanica* n.sp. 5178
- Hirudinea 635, 637, 5071
- hookworm 929, 5995
- Hydromermis borokii* n.sp. 487
- Hymenolepis* 400, 441, 6423
- Isomeris brevis* n.sp. 486
- Khawia* 1164
- Lanceimeris ivashtschenkovae* n.sp. 4613
- ligulids 2015
- Limnomermis angustifrons* n.sp. 491
- L. crassicauda* n.sp. 492
- L. cuspicaudata* n.sp. 492
- L. tenuissima* n.sp. 492
- Maritrema subdolum* 5474
- mermithids 4539, 4613
- Mesomeris longicarpus* n.sp. 488
- M. minuta* n.sp. 488
- Mesorchis pendulus* 2969
- Metastrongylus* 2882
- M. elongatus* 5870
- M. pudendotectus* 5870
- M. salmi* 5870
- Microphallus pygmaeus* 6134
- Moniezia* 586
- monogeneans 101
- Muellerius capillaris* 6431
- nematode larvae 1151
- nematodes
 - in birds 196
 - in fowl 3249

USSR (European) *contd.*nematodes *contd.*

- in goose 3249
- Nematodirus* 1040
- Oesophagostomum* 5908
- Onchocerca gutturosa* 792
- O. lienalis* 792
- Opisthorchis felinus* 1, 2386
- Paramonoviola rhagii* n.g., n.sp. 3535
- paramphistomes 1903
- parasites
 - in *Gasterosteus aculeatus* 85
 - in *Gasterosteus pungitius* 85
 - in *Leuciscus rutilus* 2355
 - in *Lucioperca* 5075
 - in marine molluscs 3496
 - in *Rutilus rutilus heckeli* 5075
- parasitology 3332, 5498
- Philophthalmus (Philophthalmus) hegneri* 2969
- Plagiorchis pseudofastuosus* n.sp. 2969
- Protostrongylus* 5423
- P. kochi* 2936, 5086
- Pseudapatemon tiaratus occidentalis* n.subsp. 2969
- Raphidascaris acus* 1151
- Schistosoma* 568
- Skrjabillanus schigini* n.sp. 6206
- Skrjabinema* 6345
- Spiculimeris angusta* n.sp. 487
- S. chironomi* n.sp. 487
- S. uniseriata* n.sp. 488
- strongyles 1040
- strongylids 5580, 5813, 5898, 6422
- Strongyloides* 5908
- S. papillosus* 1666
- Syngamus trachea* 2677
- Taenia hydatigena* 2952
- T. saginata* 4286, 5335, 5858, 6325
- Tatria* 167
- T. jubilaea* n.sp. 166
- Tetrameres fissispina* 5391
- trematode larvae, in freshwater molluscs 3488
- trematodes
 - in fox 2307
 - in freshwater molluscs 2363
 - in gastropods 123
 - in Limicolae 2969
 - in molluscs 3471, 4008
 - in *Nyctereutes procyonoides* 2307
 - in *Ondatra* 59
 - in *Rana macrocnemis* 150
- Triaenophorus* 3485
- T. nodulosus* 3466
- Trichinella* 50, 2951, 5098, 5533, 5597, 5657, 5804
- T. pseudospiralis* 5597
- Trichuris* 1505, 3190, 5390, 5394, 5873, 5908, 6349, 6423

USSR (Far East)

- Aploparaksis birulai* 6181

USSR (Far East) *contd.**Aploparaksis contd.*

- A. parabirulai* n.sp. 6180
Ascaridia galli 3761
Ascaris 5589
Aspidogaster conchicola 4001
Asymphyllodora japonica 1189
Avitellina arctica 1911
Capillaria oschmarini n.sp. 3540
C. ryjikovi n.sp. 4605
Cercariaeum valvatae n.sp. 1189
cestodes, in Anseriformes 1101
Choanotaenia infundibulum 4517
Corynosoma villosum 64
cyathocotylid cercariae 1189
Cyclocoelum mutabile 179
Dactylogyrus hypophthalmichthys 1752
Davainea sp. I 119
Dictyocaulus 3679
Diplogonoporus tetraapterus 64
Drepanidotaenia 446
Echinococcus granulosus 1157
E. multilocularis 1157
Eurytrema 4827, 6170
E. pancreaticum 6124, 6317
filiariids 5083
gastro-intestinal strongyles 316
Gryporhynchus pusillus 119
Gyrodactylus costatae n.sp. 5661
Heligmosomum cornucephale n.sp. 6194
H. ryjikovi n.sp. 195
helminthology 3851, 5941
helminths
in amphibians 457
in birds 179
in *Callorhinus ursinus* 3978
in *Eumetopias jubatus* 3978
in fish 457
in fish-eating birds 4519
in fowl 73, 1386
in freshwater crustaceans 119
in freshwater fish 1744
in freshwater molluscs 1189
in Hirudinea 964
in man 670, 3905, 4231
in marine fish 4532
in marine mammals 4231
in *Mustela itatsi* 5594
in oligochaetes 964
in *Phoca vitulina largha* 64
in pig 47, 270, 334
in rodents 195, 4498, 6194
in *Salvelinus alpinus* 87
Hirudinaetrema oschmarini, n.g., n.sp.,
[not described] 964
Hymenolepis 446, 5815
Leucochloridium cardis 179
L. turanicum 179
Levinseniella acanthophalla 119
Longistriata caudabulata 3540
L. yamashitai 3540
Mesomermis prisjaznoi n.sp. 489

USSR (Far East) *contd.*

- Metacercaria hymenostoma* n.sp. 1189
Metacercaria I 119
Metacercaria IV 119
Microphallus calidris 4346
M. pirum 4777
Microsomacanthus fausti 119
Moniezia 3671
M. benedeni 3832
M. rangiferina 1059

Nanophyetus salmincola schikhobalowi
3905
nematodes
in birds 4518
in fish-eating birds 1731
in *Sorex* 3540
Neascaris vitulorum 3411
Oesophagostomum 5589
Paragonimus westermani 119
parasites
in fish 4526
in molluscs 4020
Polymorphus cincli 119
Pyramicocephalus phocarum 64
strongyles 313
Thelazia kurilensis n.sp. 179
T. rhodesii 3417
trematodes 3191
Trichinella 1157, 1987, 4553
T. spiralis 4231
Trichuris 5589
USSR (Georgia)
Ancylostoma 3275, 6394
A. duodenale 1032
Ascaridia galli 2063
Ascaris 1906, 2102, 2281, 3816, 5820,
6430
Avitellina 2059
Cercaria rhionica XII 4339
C. rhionica XI 4339
C. rhionica I n.sp. 3527
C. rhionica XI n.sp. 3527
C. rhionica VII n.sp. 3527
C. rhionica VIII n.sp. 3527
cercariae, in *Melanopsis praemorsa* 3527
Cryptaphelenchus bicoloris n.sp. 2439
Dicrocoelium 4457
Enterobius 3265
Fasciola 1492, 3893
Gastromermis tshubarevae n.sp. 491
helminths
in animals 989, 3506
in man 989, 1635, 2827, 3818, 4427
hookworm 1512, 1550, 2126, 4438, 6430
Hymenolepis nana 1549
medical parasitology 4357
Mesomermis caucasica n.sp. 488
monogeneans 2339
Necator 3816, 6394

USSR (Georgia) *contd.*

- nematodes
 - in Cerambycidae 3481
 - in Ipidae 3481
 - in man 1008
- Philophthalmus*, cercariae 3527
- P. nyrocae* 4338
- Physocephalus sexalatus* 3498
- Strongyloides* 3184
- Taenia* 6430
- T. saginata* 1549
- Thysaniezia* 2059
- Trichuris* 3816

USSR (Kazakhstan)

- alveolar hydatid 4030, 4224
- Ascaridia galli* 3675
- Avitellina* 2068, 5346, 6287, 6383
- Bathymermis postica* n.sp. 4072
- Bothriocephalus gowkongensis* 2913
- cestode larvae, in Cyclopoida 2001
- cestodes
 - in birds 2001
 - in dog 5876
 - in fish 2001
 - in ruminants 3349
- Chabertia ovina* 1392
- Clinostomum complanatum* 91
- Coenurus* 1541
- Crenosoma petrowi* 5605
- Cysticercus* 1038
- C. ovis* 4030
- C. tenuicollis* 1036, 4030
- Dactylogyrus anchoratus* 2913
- D. extensus* 2913
- D. lamellatus* 2913
- Dicrocoelium* 1403
- Diplostomum pusillum* 1815
- Echinochasmus* (*Echinochasmus*) *militaris* 6179
- Echinococcus multilocularis* 4224
- Gastromermis acutiscula* n.sp. 4072
- G. longicaudata* n.sp. 4072
- G. tenuisoma* n.sp. 4072
- Gastrotaenia dogieli* 4232, 6463
- Haemonchus* 1541
- helminths 350
 - in carnivores 4244
 - in cattle 1050
 - in *Ctenopharyngodon idella* 1735
 - in deer 5583
 - in dog 1065–1066
 - in fish 1992, 2337
 - in freshwater fish 1737, 2018, 6112
 - in *Martes foina* 5605
 - in *Mustela erminea* 5605
 - in *Natrix* 1784
 - in *Rana* 1784
 - in ruminants 3933
 - in *Saiga tatarica* 1050
 - in sheep 1035, 1045, 1050, 1662, 2009, 2046, 3219
 - in snake 1103

USSR (Kazakhstan) *contd.*

- Heterakis gallinae* 3675
- Heterophyes superspinatus* 6179
- hydatid 1036, 1418, 4030
- hymenolepidids 2361, 3834, 5082
- Insinuarotaenia spasski* 5605
- intestinal helminths, in dog 1707
- lungworms 3349
- mermithids 4072
- Moniezia* 1399, 1541, 6287, 6383
- M. benedeni* 1056, 5346
- M. expansa* 5346
- Notocotylus chionis* 3666
- Opisthorchis* 2016
- O. felineus* 2375, 4000, 4240
- parasites, in fish 1976
- Petasiger* (*Petasiger*) *brevicauda* 6179
- P. (Petasiger) lobatus* 6179
- Polymorphus* 5082
- protostrongylids 2076
- Protostrongylus hobmaieri* 1049, 1385, 1573
- Psilochasmus oxyuris* 3666
- Psilotrema spiculigerum* 3666
- Sphaeridiotrema globulus* 3666
- Strelkovimermis limnoformis* n.sp. 4072
- S. repanda* n.sp. 4072
- Strongylus* 4209
- Tetrameres* 3834
- T. fissispina* 4013
- Thelazia gulosa* 1517
- T. janikurgani* n.sp. 3010
- T. skrjabini* 1517
- Thysaniezia* 5346, 6383
- trematodes, in molluscs 1755
- Trichinella* 5806, 5967
- T. spiralis* 3913
- trichostrongyles 421

USSR (Kirgizia)

- Ascaridia galli* 847
- Brachylecithum riparia* n.sp. 3519
- Dactylogyrus pamirensis* n.sp. 2396
- Echinostoma revolutum* 4019
- Fasciola hepatica* 833
- Gastromermis crassicornus* n.sp. 490
- helminths
 - in aquatic invertebrates 4019
 - in *Bos grunniens* 1673
 - in cattle 42
 - in *Rana chensinensis* 627
 - in *Rana ridibunda* 627
- Ivaschkinonema alticola* n.g., n.sp. 190
- Markewitschitaenia rodentinum* 4057
- Mesomermis ammophila* n.sp. 2445
- M. nigra* n.sp. 2445
- Microtetrameres aquila* 3519
- Nematodirus* 6400
- Physaloptera erinacei* n.sp. 4619
- protostrongylids 5572, 6374
- Protostrongylus* 6359
- Skrjabinus lanceatus* 3519
- Syphacia kirgisensis* n.sp. 1211

USSR (Kirgizia) *contd.**Syphacia contd.**S. microtus* n.sp. 1211

Syphaciidae 1211

Syphaciurus rodenti n.sp. 1211

trematodes

in birds 132

in mammals 132

USSR (Latvia)

helminths 4025

in fowl 5623

in *Sturnus vulgaris* 1086*Moniezia* 1414

USSR (Lithuania)

Ascaridia 1085*Ascaris* 1021, 1383, 1440, 5964cestodes, in *Anas platyrhynchos* 1100*Dictyocaulus* 1440*Diphyllbothrium* 1160*Echinocasmus* sp. I 1131echinostomatid cercariae, in *Bithynia tentaculata* 1131*Enterobius* 1437*Fasciola* 1440*F. hepatica* 1543

helminthology 4625

helminths

in *Abramis brama* 6320

in birds 1099

in mammals 1583

in man 1030

in perch 1387

in pike 1120

Heterakis 1085*Hirudinea* 1120, 1387

intestinal nematodes, in pig 3263

Nematoparataenia southwelli 77*Opisthorchis* 1160*Parabisaccanthos philactes* 77

parasitology 1581

Petasiger 1131*Retinometra longicirrosa* 77

schistosomatid cercariae 1141

strongyles 1440

Trichinella 1013, 1165–1167, 6347*Trichuris* 1383*Wardium aequabilis* 77*Wardoides nyrocae* 77

USSR (Moldavia)

Ascaris 892, 1423*Bothriocephalus gowkongensis* 634

cestodes

in cattle 1397

in pig 1397

in sheep 1397

Chabertia 859*Echinococcus* 1397*Gongylonema pulchrum* 4970

helminths

in birds 1003

in domestic animals 669

in fish 1003

USSR (Moldavia) *contd.*helminths *contd.*

in man 837, 881

in rodents 1003

in sheep 5912

Hymenolepis 892*Metastrongylus* 4169

nematodes, in fowl 669

Oesophagostomum 859*Raillietina echinobothrida* 977*R. sibirica* 977*R. tetragona* 977*Trichuris* 859, 892

USSR (Siberia)

acanthocephalans, in freshwater fish 4522

alveolar hydatid 507

Anoplocephala 2072

Anoplocephalata 2946

anoplocephalids 574

Aploparaksis 5140*Ascaris* 336*Avitellina* 3418

caryophyllaeids 2352

Cercaria lymanaeae truncatulae 280

cestode larvae, in crustaceans 659

cestodes

in birds 76

in freshwater fish 1745, 4522

Coenurus 1783*Cotylurus japonicus* 2907*Cyathocotyle prussica* 1193*Cysticercus* 36, 1783*C. bovis* 3660*Dictyocaulus* 2089*D. viviparus* 1957, 3419, 3672*Digamma interrupta* 4527*Diphyllbothrium* 12*Echinococcus multilocularis* 507*Fasciola* 2114, 3261, 3425*F. hepatica* 280, 4243*Gastromermis bobrovae* n.sp. 490*Haemonchus* 1389

helminthology 474

helminths

in *Acipenser baeri* 636

in animals 127

in birds 619

in carnivores 48

in *Coregonus peled* 3456

in cyprinids 3460

in deer 3938

in domestic animals 2956

in freshwater fish 103, 108, 2915, 2920–2921, 2927, 3453, 3465, 3468

in freshwater molluscs 3503

in fur-bearing animals 2073

in mammals 1785–1787

in man 11, 948, 2956

in *Martes zibellina altaica* 5592in *Mustela (Lutreola) vison* 5592in *Ondatra zibethica* 6077

USSR (Siberia) *contd.*

- helminths *contd.*
 - in pig 6057
 - in rodents 1079
 - in snake 1103
 - in squirrel 4506
- Hirudinea 2915, 3323, 3844, 6479
- hydatid 36, 168, 1783
- Ligula intestinalis* 4527
- mermithids 201, 3491
- Mesomermis arctica* n.sp. 488
- M. parallela* n.sp. 488
- M. patrushevae* n.sp. 489
- M. sibirica* n.sp. 489
- M. tumenensis* n.sp. 201
- M. vashkovii* n.sp. 201
- Metastrongylus elongatus* 45
- M. pudendotectus* 45
- Moniezia* 2007, 2072, 2730
- M. autumnalis* 1762
- M. benedeni* 1686–1687
- M. expansa* 1686–1687
- Neascus brevicaudatus* 2349
- nematodes
 - in birds 625
 - in sheep 575
- notocotylids 1087
- Onchocerca* 35
- Opisthorchis* 397, 406, 1168, 1325, 3232
- O. felineus* 347, 671, 2636
- Ostertagia* 6438
- O. circumcincta* 1985, 4220
- paramphistomatids 662
- parasites
 - in animals 130
 - in carp 3464
 - in freshwater fish 2349
- Piscicola* 636
- strongylids 5428
- Thysaniezia* 3418
- T. giardi* 2730
- trematodes
 - in aquatic insects 648
 - in birds 616, 2907
- Trichinella* 328
- T. nativa* 2854
- T. spiralis* 327, 1074, 2854
- Trichostrongylus* 6438

USSR (Tadzhikistan)

- Abbreviata kazachstanica* 2440
- acanthocephalans, in Tenebrionidae 2365
- Anoplocephalata 37
- Ascaris* 5327, 5336, 5405
- Avitellina* 1489
- Capillaria bovis* 1048
- C. podicipitis* 4605
- cestodes, in Tenebrionidae 2365
- Euparadistomum falconi* n.sp. 5120
- Eurycephalus dogieli* 2338
- Fasciola* 4280
- Gyrodactylus hemivicianus* n.sp. 6157
- G. kafirniganensis* n.sp. 6157

USSR (Tadzhikistan) *contd.*

- helminth ova, in refuse 5337
- helminths
 - in *Bos grunniens* 1673
 - in cattle 2875
 - in donkey 1661
 - in freshwater fish 307
 - in *Hystrix leucura* 4497
 - in lagomorphs 4491
 - in man 3706
 - in rodents 4491
 - in ruminants 5106
 - in wild animals 5106
- hydatid 1674
- Hymenolepis nana* 5343, 5443
- Moniezia* 848
- parasites, in fish 3455
- Pegosomum ixobrychi* 2338
- Proteocephalus pamirensis* n.sp. 4594
- Skrjabinagia lyrata* 1048
- Spirurata 1761
- Taenia saginata* 5348, 5404, 5856

USSR (Turkmenia)

- Ancylostoma duodenale* 3215
- Cephalurus chabaudi* 1078
- helminths
 - in *Echis carinatus* 1105
 - in *Ochotona rufescens* 1078
 - in wild animals 3348
- Hydatigera krepkogorski* 1078
- Nematodirus aspinosus* 1078
- Oxyurata 1078
- parasites, in man 3385
- Physaloptera* 6095
- Schizorchis altaica* 1078
- Spirocerca lupi* 6095
- Trichocephalus* 1078
- Vigisospirura potekhini* 6095

USSR (Ukraine)

- Acanthocephalus anguillae* 3472
- A. lucii* 3472
- Amidostomum* 1102
- Ancylostoma* 3260
- Angularella chelidonariae* 71
- Aploparaksis scolopacis* 2982
- Ascaridia* 1102, 2698, 5857
- A. galli* 1382, 1921
- Ascaris* 534, 553, 915, 1640, 1643, 2825, 3876, 6055
- A. suum* 1053
- Azygia lucii* 4578
- Bothriocephalus* 1523, 1538, 2124
- B. gowkongensis* 1108
- Camallanus lacustris* 1568
- Capillaria* 2698, 5857
- caryophyllaeids 4009
- cestodes
 - in birds 71
 - in Charadriiformes 621
 - in freshwater fish 96
- Coenurus cerebralis* 4987
- Cysticercus* 667

USSR (Ukraine) contd.

Cysticercus contd.*C. bovis* 1276, 1524*Dendromermis markevitschi* n.g., n.sp.
202*Dictyocaulus* 1525, 6341*Diplostomum* 1995*Dirofilaria repens* 2256*Echinococcus* 1460*Enterobius* 411, 553*Fasciola* 416, 793, 1493, 1525,
2093–2095, 4306, 5875*F. hepatica* 3681, 4794*Fernandezia indica* 71

gastro-intestinal nematodes, in pig 1510

Gastromermis boophthora 6132*Glaridacris brachiurus* 116*Haemonchus contortus* 3012

helminths

in *Abramis brama* 631

in amphibians 5066

in amphipods 836

in aquatic birds 1421

in aquatic invertebrates 3501

in birds 1095

in carp 1433

in *Caspiolosa kessleri* 93

in cat 2890

in cattle 1158, 5585

in *Cyprinus carpio* 631

in dog 2890

in domestic birds 614

in duck 1093

in fish 1114, 3457

in freshwater fish 1107, 3452, 3995

in man 558, 673, 852, 1640, 2104,
3392, 5407

in pig 673, 1158

in Rallidae 1732

in rodents 3212, 3442–3443

in ruminants 673

in sheep 1158

in *Sturnus vulgaris* 3448

in Unionidae 3480

Heterakis 1102, 2698, 5857*Hexameris elegans* 1136*Hirudinea* 1114, 1732, 3480

hydatid 1460, 2953

Hymenolepis 553, 857, 2825*Khawia sinensis* 116*Liorchis scotiae* 1134, 1381

mermithid larvae 955

mermithids 827

Metorchis bilis 3467

monogeneans 2113

Monosaccanthus streperae 71nematodes, in *Equus przewalskii* 3918*Oesophagostomum* 6055*Opisthorchis* 1506, 1641*O. felineus* 1117*Orthoskrjabinia bobica* 5156

paramphistomes 1047, 1493

USSR (Ukraine) contd.

Paramphistomum 2094

parasites

in amphipods 3502

in *Astacus leptodactylus leptodactylus*
3474

in oligochaetes 4009

in *Scardinius erythrophthalmus* 3458

in Trichoptera 3484

parasitology 6483

Pleurogenoides medians 3493*Prosotocus confusus* 1138*Sanguincola* 1380, 3477*S. inermis* 5885*Sobolevitaenia verulamii* 71*Strigea falconis* 664*Strongylata* 834

strongyles 1390

Strongyloides 340, 558, 856, 1422*Syngamus* 371*Syphacia petrusewiczii* 711*Taenia saginata* 667, 2098, 2825

trematode larvae

in gastropods 660

in lamellibranchs 660

in molluscs 1978

trematodes

in birds 69, 3446

in copepods 5951

in freshwater fish 3459

in freshwater molluscs 657, 661

in gastropods 1133

in molluscs 2944, 5951

Trichinella 15, 351, 1401, 1703, 2806,
6211*Trichuris* 915, 2825, 3693, 3876, 6055,
6434

veterinary helminthology 1584

Vitta magniuncinata 71

USSR (Uzbekistan)

Ascaridia 5056, 5058, 5326, 5622*Ascaris* 5860*Bothriocephalus gowkongensis* 1490*Calicophoron erschowi* 2149

cercariae, in freshwater molluscs 3473

Coenurus cerebralis 1339*Cysticercus* 1339*C. bovis* 1886*Dactylogyrus intestinalis* 4912*Dicrocoelium* 2049, 5836*D. dendriticum* 1143, 1406, 1419–1420,
3283, 5570*Draschia megastoma* 4979*Echinococcus multilocularis* 1071*Enterobius* 1981, 5402*Fasciola* 838, 1663, 1891, 1994, 3220,
5569–5570*F. gigantica* 3410*F. hepatica* 3410, 5003, 5836*Gastrothylax* 854, 3781*G. crumenifer* 3211*Gyrodactylus* 3462

USSR (Uzbekistan) *contd.*

- Habronema microstoma* 4979
H. muscae 4979
 helminth larvae, in Coleoptera 4007
 helminths
 in *Canis aureus* 1071
 in cattle 3930, 3936
 in domestic animals 1942, 5977
 in donkey 1034, 1661
 in *Echis carinatus* 1105
 in fowl 5057
 in freshwater fish 4912
 in fur-bearing animals 3505
 in *Gazella subgutturosa* 5004
 in goat 1685, 3943, 5005, 6050
 in horse 1034
 in insects 2957
 in mammals 2957
 in *Ovis orientalis severtzovi* 5003
 in reptiles 3989
 in rodents 3968
 in sheep 2291
 in *Vulpes corsac* 1071
 in *Vulpes vulpes* 1071
Heterakis 5054-5055, 5622
 Hirudinea 4912
 hydatid 1339, 4978, 5923
Marshallagia 423, 1677, 2299
Moniezia 1522, 4467
Nematodirus 2299, 2872
Onchocerca gutturosa 5850
O. lienalis 5850
Ostertagia 2299
Parascaris 5825
Physaloptera 5011
Postharmostomum gallinum 5482
Probstmayria vivipara 29, 962, 5566, 5825
 protostrongylids 32
Raillietina 776
Spiculocaulus kwongi 32
 trematode larvae, in freshwater molluscs 5648
 trematodes, in molluscs 1137
Trichuris 5009
Uta stansburiana, helminths 78
Uvulifer ambloplitus
 in marine fish, pathology & temperature 3148
 metacercariae, in marine fish, host reaction 2563
Valipora atriospinosa, n.sp., for
 Neogryporhynchus lasiopeius, Mettrick,
 1967 *nec* Baer & Bona, 1960 3338
V. paralateralis, n.sp., for *Valipora*
 unilateralis, Spasskaya & Shumilo, 1971
 nec Rudolphi, 1819 3338
V. parvitaeniunca
 Baer & Bona, 1960, to *Baerbonaia*
 parvitaeniunca parvitaeniunca, n.comb.
 3338
Valipora parvitaeniunca contd.
 Deblock, 1966 *nec* Baer & Bona, 1960, to
 Baerbonaia parvitaeniunca
 madagascariensis, n.subsp. 3338
V. unilateralis, Spasskaya & Shumilo, 1971
 nec Rudolphi, 1819, to *Valipora*
 paralateralis, n.sp. 3338
Valvata sibirica, *Cercariaeum valvatae* n.sp.
 1189
Vampirolepis fraterna, in *Rattus rattus*, in
 India, morphology 2985
V. masaldani, n.sp., *Rattus rattus*, in India
 2985
Vanellus vanellus
 Capillaria vanelli 2327
 helminths 3445
 Sphaerostris wertheimae n.sp. 1824
Varicorhinus, helminths 5629
V. capoeta gracilis
 Gyrodactylus capoeti n.sp. 6158
 G. mikailovi n.sp. 6158
 G. varicorhini n.sp. 6158
Vasorhabdochona, synonym of
 Johnstonmawsonia 4066
Vasotrema attenuatum, in *Trionyx muticus*,
 new record (h.) 145
V. brevitestis, n.sp., in *Trionyx muticus*, &
 Trionyx spiniferus, in USA (West North
 Central) 145
V. robustum, in *Trionyx muticus*, new
 record (h.) 145
 Vegetables
 ascarid larvae & ova 4238
 Ascaris, ova 336, 3197
 helminth ova 5338
 Venezuela
 Dipetalonema perstans 4940
 Dirofilaria immitis 3431
 gastro-intestinal nematodes, in sheep
 4287
 helminths, in *Hydrochoerus hydrochaeris*
 4496
 Mansonella ozzardi 4940
 Paragonimus 551
 parasitology 1582
 Schistosoma mansoni 759
 Spirocerca lupi 3962
 Vertebrates
 amphistomes 5104
 cestodes 4201
 digeneans 1601, 2416
 helminths 2609, 3119, 5507, 6457
 nematodes 5108
 trematodes 4076
Viannaia metachirops, n.sp., in *Metachirops*
 opossum, in French Guiana 182
Viannella, in *Millardia meltada*, in India,
 seasonal & sex variation 5351
 Viet Nam
 helminths, in man 5969
 hookworm 2537, 5535
 parasites, in man 1617

Viet Nam contd.

Strongyloides stercoralis 5535

Viet Nam, North

Angiostrongylus cantonensis 1026*Coeuritrema mica* n.sp. 1190*Vigisospirura potekhini*in *Agama caucasica*, in USSR

(Turkmenia), morphology, & new record (h.) 6095

in *Coluber rhodorhachis ladacensis*, in USSR (Turkmenia), morphology, & new record (h.) 6095in *Naja oxiana*, in USSR (Turkmenia), morphology, & new record (h.) 6095*Viktorocara tenuis*, synonymy 1095*Vipera lebetina*, *Hexametra dagestanica* n.sp. 5178Virus, Rauscher leukemia, & *Trichinella spiralis*, in mouse, splenomegaly 678

Viruses

& *Ascaridia galli*, in fowl, transmission by ova 6153& *Ascaris*, in pig, interaction 4563in *Diphyllobothrium*, in excretory ducts 4562in *Ligula*, in excretory ducts 4562& *Railletina tetragona*, in fowl, transmission by ova 6153& *Sparganum*, in man, in USA (West South Central) 1789in *Spirometra*, in excretory ducts 4562& *Trichinella spiralis*

in mouse, antibody response 4633

in rabbit, antibody response 4633

Visceral larva migrans (see Larva migrans, visceral)

Vitta magniuncinata, in birds, in USSR (Ukraine), new record (g.) 71*Viverra civetta**Paragonimus uterobilateralis* 3699*Trichinella spiralis* 5112*Viverricula indica*, *Euparadistomum ambedkari* n.sp. 2409*Vivipara*

in India

control by copper sulphate 431

control by *N*-tritylmorpholine 431*Viviparus viviparus**Ascaris* 1412*Heterakis* 1412*Vulpes corsac*, helminths 1071*V. vulpes*

helminths 1071, 5687, 6064, 6070

Trichuris cyrenaica n.sp. 5687*V. vulpes schlencki**Echinochasmus japonicus* 151

helminths 151

Massaliatrema yamashitai n.sp. 151*Pricetrema* 151*V. vulpes schrencki*, *Alaria alata* 1803

Vulture, helminths 479

Wallabia rufogrisea, *Labiostromylus* 1780*Wallabicestus ewersi*, n.g., n.sp., in *Protomnodon agilis*, in New Guinea 1819*Wallago attu*, *Isoparorchis hypselobagri* 2617*Wardium aequabilis*, in *Cygnus olor*, in USSR (Lithuania) 77*Wardoides nyrocae*, in *Cygnus olor*, in USSR (Lithuania) 77*Wehrdickmansia rugusicauda*, in *Capreolus capreolus*, in Germany, microfilarial distribution 2876

West Africa

filarids 1869

Onchocerca 1456*O. volvulus* 1587, 2664*Schistosoma* 1463

West Indies

Acanthosentis acanthuri 2436*Capillaria*, n.sp., [not named or described] 6065*Schistosoma* 542, 1463Western Samoa, *Wuchereria bancrofti* 4228Wolf, *Trichinella* 1703Woodwasps, *Deladenus* 2989*Wuchereria bancrofti*in *Aedes polynesiensis*, in Western Samoa, transmission to man 4228in *Anopheles gambiae*

loss of larvae during feeding 5656

migration 1154

in *Culex fatigans*, loss of larvae during feeding 5656in *Culex pipiens fatigans*

in Africa, urbanization 3698

in India, local survey 4967

in Madagascar, urbanization 3698

in Surinam, local survey 2843

& leprosy, in man, in India 855

in man

in Africa, urbanization 3698

in America, & Mediterranean, distribution, reviewed 5802

in Andaman & Nicobar Islands, survey 1004

biology of vector 6125

chemotherapy, reviewed 5386

in China, diethylcarbamazine 364

in China (South) 6331

in Comoro Islands

epidemiology 5522

local survey, & diagnosis by IFAT 4439

diagnosis by *Dirofilaria immitis* antigen 5237

diagnosis by FAT 5203

in Egypt, epidemiology & water resource developments 2003

in Ethiopia, technique for detecting microfilariae by blood filtration 5463

***Wuchereria bancrofti* contd.**in man *contd.*

in Hawaii, diagnosis by IEP 5704

in India

clinical manifestation 3884

control, & epidemiology, reviewed 503

diethylcarbamazine & blood

constituents 5433

epidemiology, & secondary iodine deficiency 855

local survey 4967, 5555

local survey & incidence in children 6

localization in breast 1631

localization in eye 3875

pathology of breast 2270

periodicity 5323

in Indonesia, local survey 544

in Kenya, reviewed 1659

in Liberia

incidence 4421

periodicity 4773

in Madagascar

epidemiology 5522

levamisole 3763

urbanization 3698

microfilariae in bone marrow 3386

in Nepal, survey 1409

in Pacific, reviewed 6321

in Pagini, local survey 1625

in Réunion, epidemiology 5522

in Samoa, chemotherapy & vector infectivity 942

in Solomon Islands, incidence & control of intermediary 4870

in Sri Lanka, mosquito control programme evaluated 3750

in Sudan, survey 556

in Surinam, survey 2843

in Tahiti, recurrent lymphangitis 6006

in Taiwan

diethylcarbamazine 2674

transmission to military personnel 6330

in Togo, local survey 5921

in Western Samoa, control, & transmission 4228

in Zambia, first autochthonous case 2236

microfilariae

acid phosphatase distribution 5318

in *Anopheles gambiae* B, development & temperature 4780in *Culex pipiens fatigans*, development & temperature 4780

in man, intestinal perforation 3903

morphology 2236, 5182

morphometric variation 4607

technique for detecting

in blood 4881

***Wuchereria bancrofti* contd.**microfilariae *contd.*technique for detecting *contd.*

by membrane filtration concentration 5921

in mosquito

in China (South) 6331

density pattern 3495

W. bancrofti pacifica, in man, mebendazole 4803***W. lewisi***, microfilariae, morphometric variation 4607***Wyominia tetoni***, in *Ovis canadensis californiana*, in USA (Pacific) 1665***Xenobdella mediorubra***, n.g., n.sp. 471***Xenopharynx***, diagnosis emended, & synonymy 2976***X. biliphaga***, synonym of *Xenopharynx piscator* 157***X. piscator***

in Indian cobra, in India, redescribed & validity discussed 157

synonymy 157

in *Tropidonotus piscator*, in India, redescribed & validity discussed 157***X. sola***, non-specific esterase activity in body-wall 1359***Xenopus laevis***, *Protopolystoma xenopodis* 2967***Xeris spectrum***, *Deladenus nevexii* n.sp. 178***Xiphidiocercaria VII***, in *Coretus corneus*, host starvation & host/parasite glycogen metabolism 4185***Xiphidiocercariae***, morphology of excretory system 4042***Yemen, Echinoparyphium ralphaudyi*** n.sp. 153**Yugoslavia***Acanthocephalus falcatus* 1106*Ascaris suum* 6421*Asymphyldora imitans* 6103*A. markewitschi* 6103*A. tincae* 6103*Azygia lucii* 6102*Bothriocephalus gowkongensis* 4525

cestodes, in aquatic birds 2328

Chabaudgolvania terdentatum 1106*Chaunocephalus ferox* 4508*Cosmocerca ornata* 1106*Dactylogyrus erhardovae* n.sp. 1176*D. ivanovici* n.sp. 1176*D. martinovici* n.sp. 1176*D. petkovici* n.sp. 1176*D. rosickyi* n.sp. 1176*D. rysavyi* n.sp. 1176*D. sekulovici* n.sp. 1176*Dicrocoelium dendriticum* 5414*Echinoparyphium petrowi* 4508*Erpobdella octoculata* 3843*Fasciola* 2873, 4981*F. hepatica* 6416

Yugoslavia contd.

- gastro-intestinal strongyles 332, 3218
- Gyrodactylus stankovici* n.sp. 1176
- helminths
 - in carnivores 4479
 - in fish 3853
 - in pig 46
 - in sheep 3815, 4309
- Ligula intestinalis* 2351
- liver-fluke 3932
- Mermis albicans* 5097
- nematodes, in pig 591
- Neoxysomatium brevicaudatum* 1106
- Oswaldocruzia filiformis* 1106
- Paramphistomum microbothrium* 1547
- Strongyloides stercoralis* 4629
- trematodes
 - in aquatic birds 2328
 - in birds 5062
- Trichinella* 6329

Zaire

- Cysticercus cellulosae* 4474
- Dipetalonema perstans* 2088
- gastro-intestinal nematodes, in man 901
- helminths
 - in dog 3966
 - in domestic animals 3871
- Inermicapsifer madagascariensis* 529
- microfilariae, in birds 5620
- Necator americanus* 1934
- Onchocerca volvulus* 2088, 6027
- Schistosoma mansoni* 1933
- Strongyloides stercoralis* 1792, 2251

Zalophus californianus

- Contraecum osculatum* 5617
- Dirofilaria immitis* 611
- Parafilaroides decorus* 1082, 5617

Zambia

- Inermicapsifer madagascariensis* 2237
- Schistosoma* 2250
- S. haematobium* 522, 2826
- S. matthei* 3367
- Wuchereria bancrofti* 2236

Zanclistius elevatus, *Neolepidapedon histiopteri* n.sp. 6172**Zanthopygia narcissina**, *Thelazia kurilensis* n.sp. 179**Zebu**

- Cysticercus bovis* 3935
- Fasciola* 5699
- F. gigantica* 1227
- rafoxanide 5904
- trematodes 2868

Zenkerella insignis, *Zenkoxyuris mabokensis* n.g., n.sp. 1839**Zenkoxyuris mabokensis**, n.g., n.sp., in *Zenkerella insignis*, in Central African Republic 1839**Zoarces viviparus**, helminths 1119**Zonitoides nitidus**, predation on *Lymnaea truncatula* 1142**Zoogeography**

- Aploparaksis* 622
- cestodes, in Chiroptera 5683
- helminths
 - in amphibians 80
 - in fish 89, 1990
 - in freshwater fish 4912
- Hirudinea 471
- Schistosoma* 3682–3683
- Trichostrongyloidea 5186
- Zoogonoides mazuri**, n.sp., in *Paristiopterus gallipavo*, in Australia 6172
- Zoonoses**
 - helminths 5852
 - in dog 5333, 5809, 5812
 - in man 5339, 6337
 - parasites 5527
 - Sparganum* 5593
 - Toxocara* 5333
 - T. canis* 6323
- Zooprophylaxis**, defined 2511

NEW CAB JOURNALS INTRODUCED SINCE 1975

In response to demand, CAB introduced during 1975 a number of new journals. More* have been introduced during 1976 and a new journal, Protozoological Abstracts, devoted entirely to the parasitic protozoa will begin publication in January 1977.

The new journals can be obtained at half price to new subscribers if orders are received before 1 July, 1977.

New Journals	Frequency	Rates to Subscribers in members countries of CAB £	Rates to Subscribers in all other countries \$ (US)
*Agricultural Engineering Abstracts	M	46.00	85.00
*Cotton & Tropical Fibres Abstracts	M	20.00	36.00
Crop Physiology Abstracts	M	70.00	145.00
Irrigation and Drainage Abstracts	Q	32.00	60.00
Maize Quality Protein Abstracts	Q	6.00	12.00
Ornamental Horticulture	M	28.00	50.00
Plant Growth Regulator Abstracts	M	32.00	60.00
*Potato Abstracts	M	32.00	60.00
Poultry Abstracts	M	44.00	80.00
Protozoological Abstracts	M	60.00	100.00
Small Animal Abstracts	Q	26.00	40.00
*Sorghum and Millets Abstracts	M	20.00	36.00
*Rural Recreation & Tourism Abstracts	Q	28.00	50.00
Triticale Abstracts	Q	12.00	24.00
*Tropical Oil Seeds Abstracts	M	20.00	36.00

The periodicals listed below, which have been published for several years, are edited by the CAB Institutes of Entomology and Mycology.

Bibliography of Systematic Mycology	B	4.00	7.50
Descriptions of Pathogenic Fungi & Bacteria	Q	5.00	10.00
Descriptions of Plant Viruses	A	3.00	6.00
Distribution Maps of Pests	B	9.00	17.00
Distribution Maps of Plant Diseases	B	6.50	12.00
Index of Fungi	B	5.50	10.00
Mycological Papers	O	10.00	20.00

A – Annual B – Biennial M – Monthly O – Occasional Q – Quarterly

Member Countries of CAB are:

Australia	The Gambia	Malaysia	Trinidad & Tobago
The Bahamas	Ghana	Mauritius	Uganda
Bangladesh	Guyana	New Zealand	United Kingdom
Botswana	India	Nigeria	Zambia
Canada	Jamaica	Sierra Leone	Dependent Territories
Cyprus	Kenya	Sri Lanka	Republic of Ireland
Fiji	Malawi	Tanzania	

CAB JOURNALS

ANNUAL SUBSCRIPTION RATES 1977

The abstract journals are one part of a range of services in agricultural science provided by CAB, and will contain in 1977 a total of 130,000 abstracts and titles. With records derived from over 8500 serials and many other publications, the journals constitute the only comprehensive coverage in English of the world literature on agriculture and related sciences.

Since 1973, 1972 in Animal Health, the journals have been produced by computer techniques and a consolidated database which increases by some 10,000 references monthly has been created on tape from which new services are being developed. All or part of the database, already containing more than 450,000 items, is available on magnetic tape. Enquiries concerning the journals, including suggestions about subject coverage, use of the computerized system, tapes, or new services, are welcomed by CAB.

From 1977 the CAB database will be accessible over ordinary telephone lines via Lockheed's computer based DIALOG Information Retrieval Service. On-line access to CAB ABSTRACTS provides an immediate and highly efficient method of obtaining references to papers published during recent years. Details of the DIALOG service can be obtained from Lockheed Information Systems, Code 5020/201, 3251 Hanover Street, Palo Alto, CA. 94304.

Journal	Frequency	Rates to Subscribers in countries which are not members of CAB † \$ (US)
Animal Breeding Abstracts	* M	165.00
Bulletin of Entomological Research	Q	55.00
Dairy Science Abstracts	* M	130.00
Field Crop Abstracts	* M	165.00
Forestry Abstracts	M	185.00
Helminthological Abstracts:		
Series A - Animal and Human Helminthology	M	130.00
Series B - Plant Nematology	Q	60.00
Herbage Abstracts	* M	110.00
Horticultural Abstracts	* M	185.00
Index Veterinarius	M	210.00
Nutrition Abstracts & Reviews:	* M	
Series A - Human & Experimental	M	135.00
Series B - Livestock Feeds & Feeding	M	135.00
Plant Breeding Abstracts	* M	210.00
Review of Applied Entomology:		
Series A - Agricultural	M	115.00
Series B - Medical & Veterinary	M	60.00
Review of Medical & Veterinary Mycology	Q	60.00
Review of Plant Pathology	* M	140.00
Soils & Fertilizers	* M	165.00
Veterinary Bulletin	* M	165.00
Weed Abstracts	M	85.00
World Agricultural Economics & Rural Sociology Abstracts	M	110.00

M = Monthly

Q = Quarterly

* The starred journals are available in single-sided format at standard rates: subscriptions should be fully paid by 1st December, 1976 for the 1977 volumes.

† Journals are available at special rates to subscribers in member countries which make a financial contribution to CAB; details from CAB. Member countries of CAB are listed inside the back cover.

A subscription provides entitlement to monthly (or quarterly) parts plus annual indexes. Rates include packing & mailing by air post to distant countries wherever the cost can be absorbed. Orders should be sent to:

CENTRAL SALES BRANCH
COMMONWEALTH AGRICULTURAL BUREAUX
FARNHAM HOUSE, FARNHAM ROYAL, SLOUGH SL2 3BN, UK.

PRINTED BY UNWIN BROTHERS LTD., THE GRESHAM PRESS, OLD WOKING, SURREY, U.K.